

Jeff D. Opdyke's

FRONTIER FORTUNES

PORTFOLIO



The Frontier Fortunes Guide to Trading Crypto

By Jeff D. Opdyke

The Frontier Fortunes Guide to Trading Crypto

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The Frontier Fortunes Guide to Trading Crypto

If you want to buy bitcoin, Ethereum, or a limited selection of other well-known cryptos, you have numerous easy options.

You can trade cryptos like these through payment providers like PayPal or Venmo, through a stock trading app such as Robinhood or Webull, or through one of the major crypto exchanges like Binance.US or Coinbase.

However, if you want access to emerging tokens and lesser-known crypto projects with the potential for truly explosive returns, you need to look beyond these options.

That's why, with the launch of our *Frontier Fortunes Portfolio*, I'm recommending that we trade through some new platforms.

There are essentially two ways to buy cryptocurrencies—through centralized exchanges (CEXs) and decentralized exchanges (DEXs).

Coinbase, Binance.US, Gemini, and Kraken are examples of centralized exchanges. These are like the Fidelity, or Charles Schwab, or E-Trade of the cryptoconomy.

They are centrally controlled, corporate organizations that verify account holders, accept debit and credit cards, and have customer service teams.

Centralized exchanges act as custodians. They monitor the transfer of funds and they hold the crypto assets on your behalf (until you want to sell or withdraw them).

Buying through CEXs is generally safer and easier, so we will use these where possible.

However, the problem with centralized exchanges is that they offer a relatively limited selection of cryptos.

At time of writing, Binance.US lists about 100 cryptocurrencies, while Coinbase offers access to around 150. This sounds like a lot, until you consider that there are more than 8,000 cryptocurrencies in existence.

So, to buy new, high-potential crypto projects, we sometimes need to look beyond CEXs and use decentralized exchanges.

DEXs are peer-to-peer marketplaces where transactions occur directly between crypto traders. Basically, they are like giant, digital swap-meets. These sites use automated systems to match buyers and sellers and complete crypto trades.

Using a DEX is more complicated than using a centralized exchange. You have to set up and operate your own crypto wallet to use these exchanges. You cannot use a credit card, debit card, or bank transfer to buy through a DEX—all trades are from one crypto to another. And you have to be more mindful of what you're doing, since there is no customer service team to appeal to if something goes wrong.

However, there are also advantages to using DEXs. Trading fees tend to be lower. Users do not need to pass an identity verification process. And there are no corporate overseers who can freeze your account.

Plus, using a DEX is not nearly as complex as you might imagine.

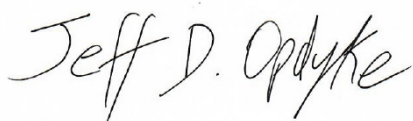
In the following report, I'm going to provide you with a step-by-step guide to using my recommended CEX, [Crypto.com](#), and a decentralized exchange, called [Orca](#), so that you have a complete understanding of these platforms and how to purchase the cryptocurrencies in our portfolio.

One note before we begin. [Crypto.com](#) does not currently accept residents of New York. Like [Binance.US](#) and a number of other major crypto-service providers, the exchange avoids New York because of its overly aggressive regulatory environment.

New York-based investors can purchase the cryptos in the *Frontier Fortunes Portfolio* by using a combination of [Coinbase](#) and [Gemini](#).

New York residents can find information on how to open an account at [Coinbase](#) in the addendum to this report. Information on which of these exchanges offers a specific crypto is available in your January issue of *Frontier Fortunes* as well as in the online [Frontier Fortunes Portfolio](#).

Read on for all the details on how to trade on my recommended platforms.



Jeff D. Opdyke

Editor, *Frontier Fortunes*

Part 1: How to Trade on Crypto.com

You will be able to purchase six of the seven recommended cryptocurrencies in the *Frontier Fortunes Portfolio* through my recommended centralized exchange, [Crypto.com](https://crypto.com).

Crypto.com is a global cryptocurrency platform headquartered in Singapore.

The company is a well-regarded industry leader and has dramatically expanded its global profile in recent times, most notably by purchasing the naming rights to the Staples Center in Los Angeles in a reported \$700 million deal.

For Americans, Crypto.com offers access to around 150 crypto...among the broadest selection of any major crypto exchange. (Overseas users can access slightly more.) It also has lower fees than Coinbase and greater investment options in areas such as decentralized finance.

Crypto.com offers the easiest and most secure route to building your holdings of the cryptocurrencies in our portfolio.

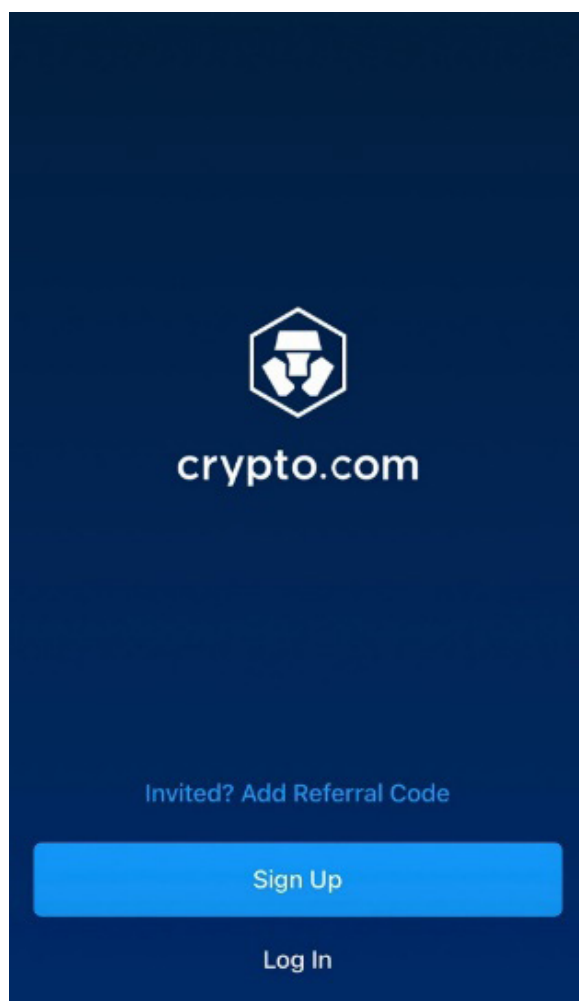
How to Open an Account

Crypto.com is an app-based service. The company does not offer normal buy-sell trading services through its website, so you'll have to do everything through your smartphone.

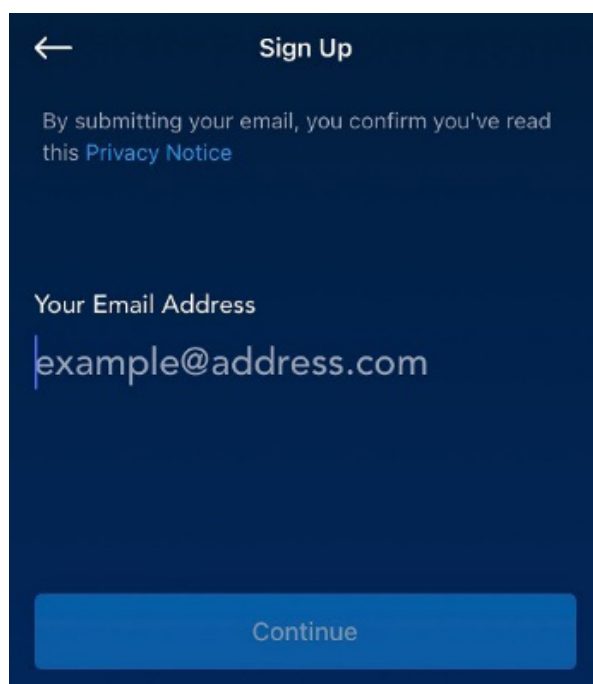
The following walkthrough was conducted on an iPhone. However, I have used Crypto.com on an Android device as well and the process was largely similar.

Note: Crypto exchanges regularly update their sign-up and log-in processes, so the screenshots in the following sections may not reflect your experience exactly. However, the following guides should give you a robust understanding of these systems and how they operate.

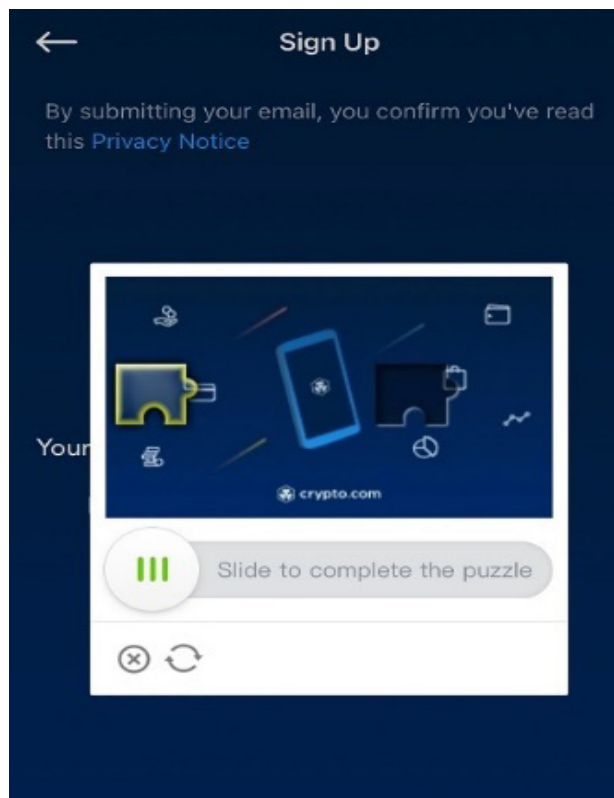
To begin, download the app from the Apple App Store or Google Play Store. When you open the app, you'll see this welcome screen. Click on "Sign Up."



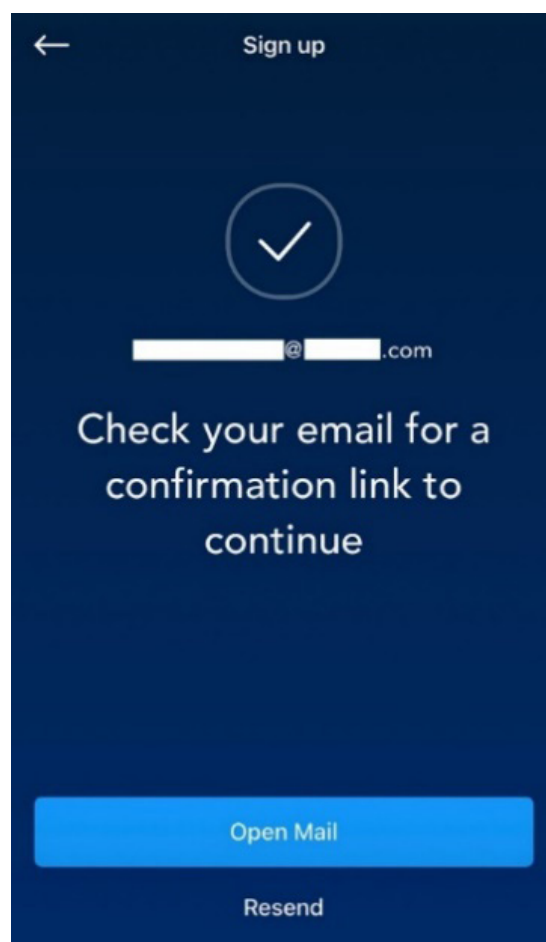
Next, you'll be prompted to enter your email address. Do so and click "Continue."



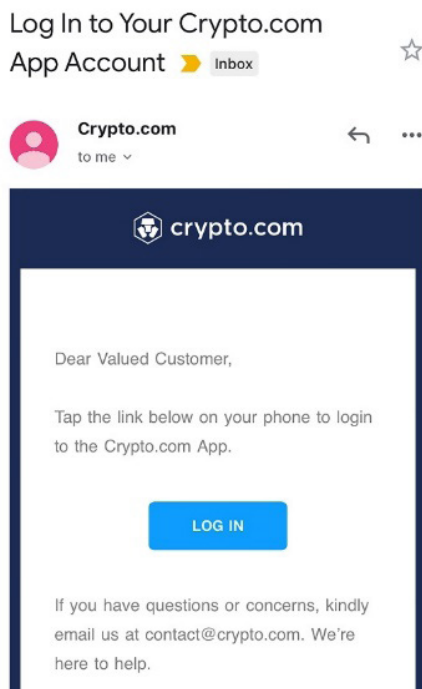
At this point, Crypto.com may ask you to complete a sliding puzzle for security purposes. Move the jigsaw piece into the empty space in the image. This step isn't always required.



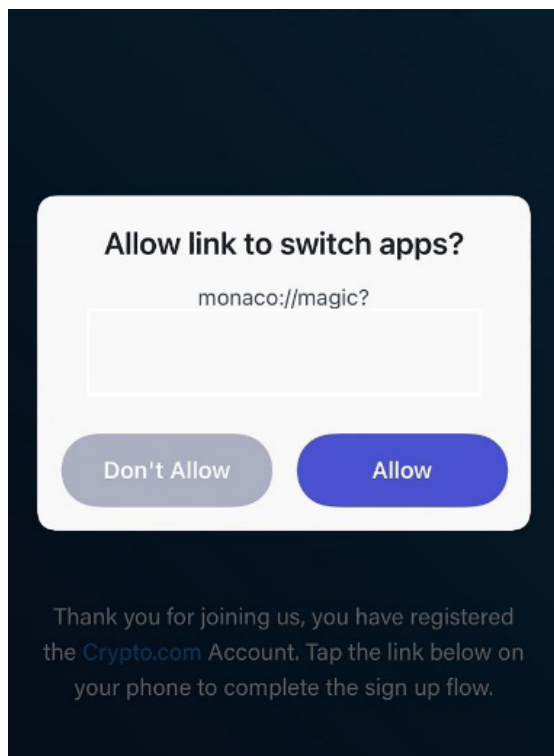
Next, Crypto.com will send you a confirmation email.



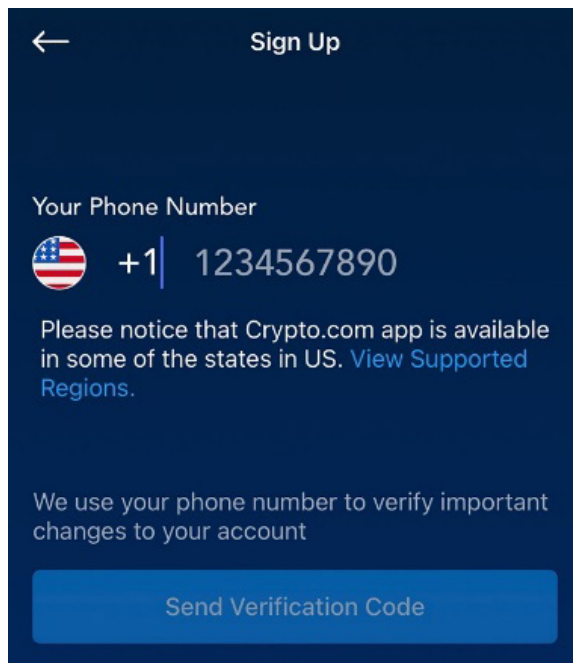
Open your email account—you must do this on the same device that you are using to register. Your confirmation email should look something like the image below. Click on the “Log In” button in the email.



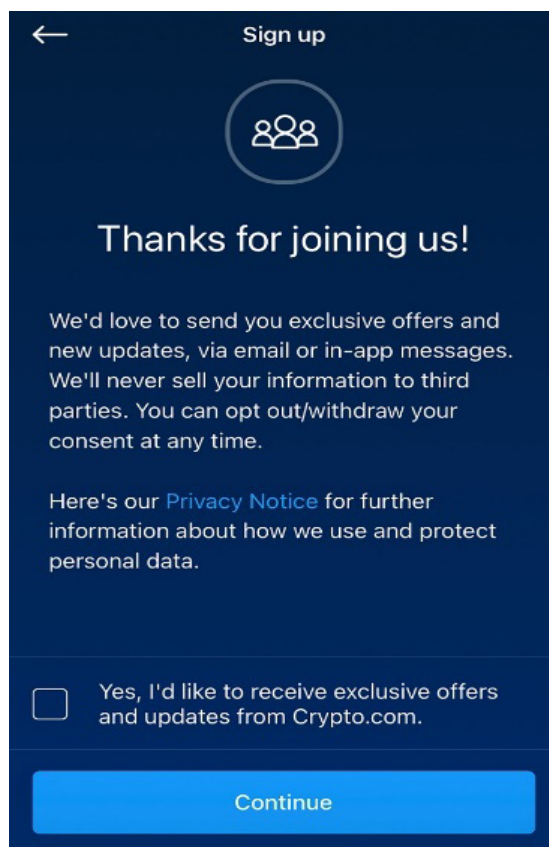
If you're using an iPhone device, you'll be asked whether you want to allow the link to switch you back to the Crypto.com app. Click “Allow” to continue. (Android devices have a similar prompt.)



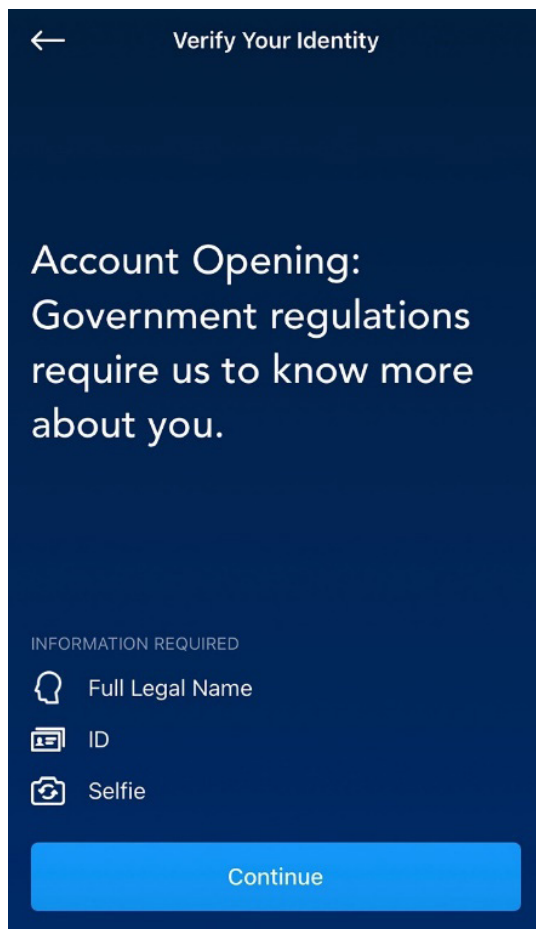
Once you return to the app, you'll be asked to enter your mobile phone number.



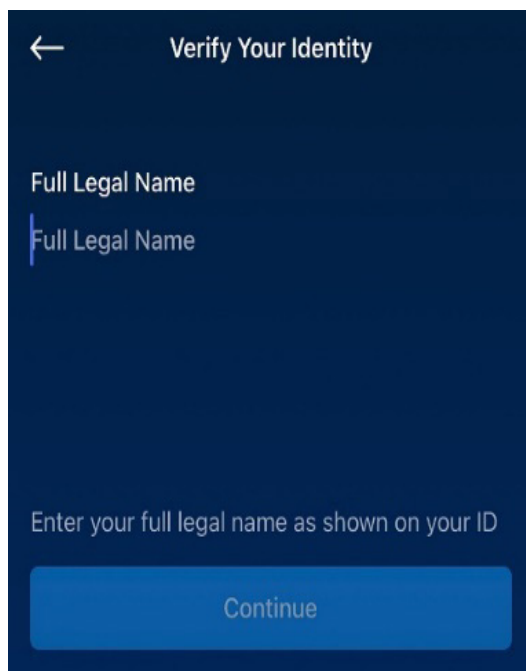
When you enter your number and click “Send Verification Code,” you’ll receive a text message with a six-digit code. This should happen almost instantaneously. Enter the code and you’ll see this welcome message:



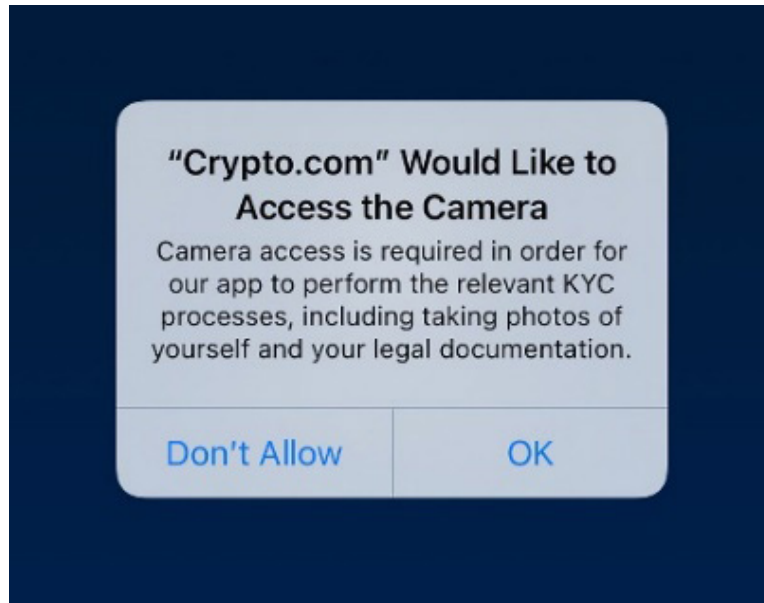
Click “Continue” and you’ll be taken to the screen below to begin the Know Your Customer, or KYC process. This identity verification process is standard across the financial and crypto investment landscape these days.



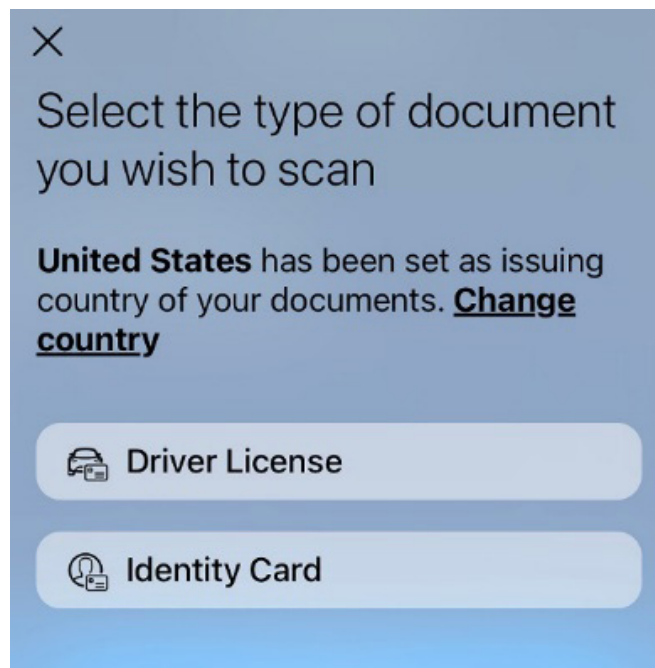
Click “Continue” and you’ll be asked to enter your full legal name. This name should match the name on the legal document you’ll subsequently use to verify your identity, such as your driver license.



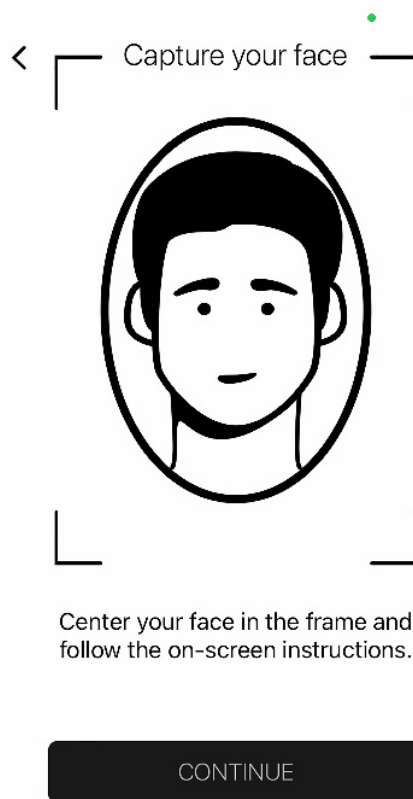
Enter your full legal name, click “Continue,” and you’ll see the screen below if using an iPhone (Android will have a similar, though differently worded prompt). The app now requires access to your phone so that it can photograph your identity document.



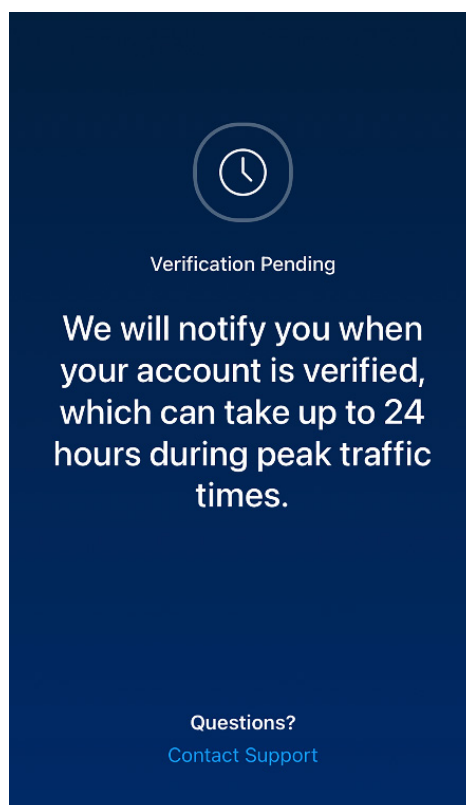
Click “OK” and you will see the screen below asking you which identity document you wish to use.



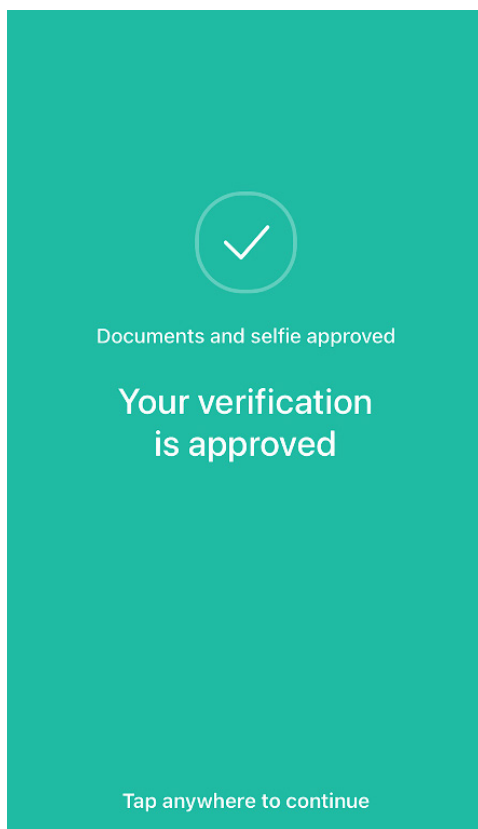
Choose the document that you wish to use and the app will prompt you to photograph it. It will auto-recognize when the document has been successfully submitted. Next, you will be asked to take a photograph of your face, which will be matched with the image on the document using automated software.



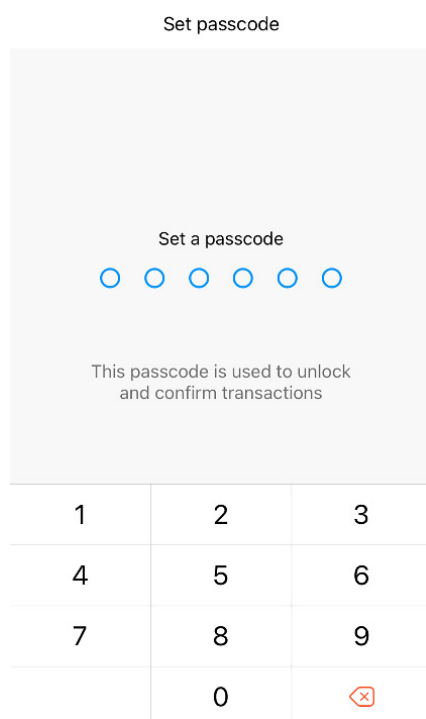
Click "Continue" and a camera image with an oval will appear. Move your face into the center of the oval and the app will take an image automatically.



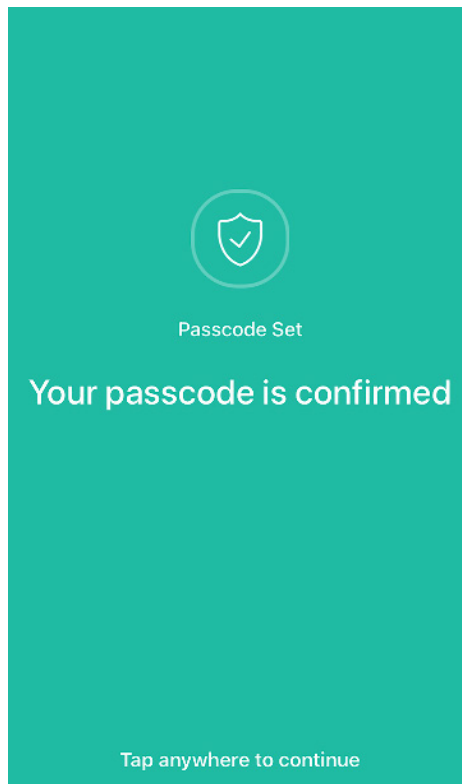
Once you complete this process, you will see a notification pending screen. Crypto.com will review your application and notify you once this has been completed. This generally takes only a few minutes but can take up to 24 hours. You can regularly click into the app to see if your verification has been approved. Once it has been approved, you will see the screen below:



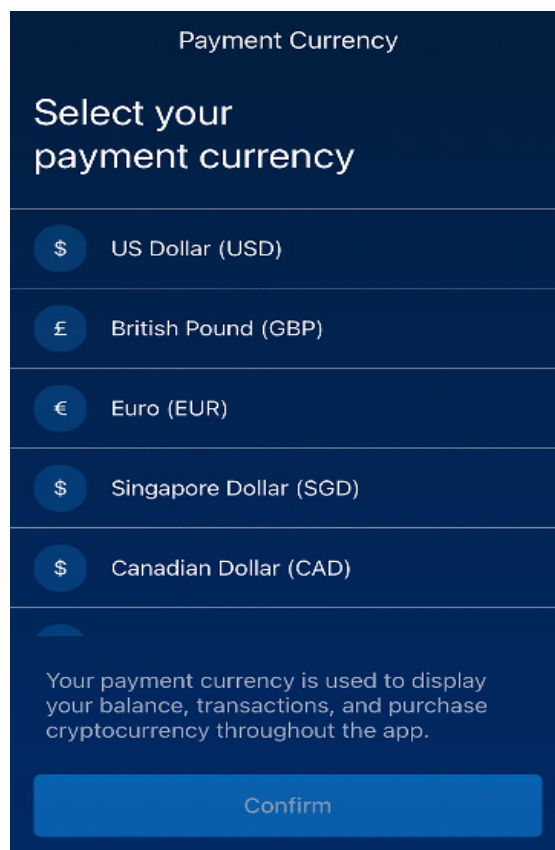
When you see this screen, tap anywhere to continue. Once you do, you'll be asked to create a six-digit passcode. This is a robust security measure and one of the reasons why I like this app. You must input this code to access the app and verify any crypto transactions.



Enter your six-digit passcode twice and you will see this confirmation screen.

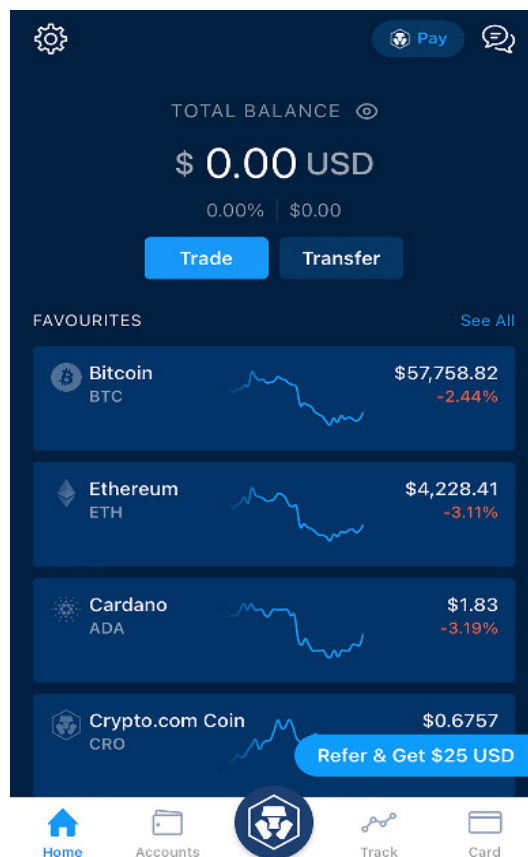


The final step in the setup process is choosing your preferred payment currency. Select the currency you wish to use, click “Continue,” and your setup process is complete.



How to Buy Crypto

Once your account is activated, open the Crypto.com app and you will see this home screen.



There are several ways to fund your account. You can use a debit card or a credit card. You can transfer in crypto from another crypto account or exchange. Or you can deposit funds via a bank transfer.

Debit or credit card is perhaps the easiest way to fund your account. However, this method also incurs a hefty 2.99% fee. (At time of writing, Crypto.com was waiving this fee when topping up with a debit card.)

To purchase with a debit or credit card, click on the “Trade Option” in the center of the screen and you will see options to “Buy” and “Sell.” Then, select the crypto you wish to buy and you will see an option to enter your debit and credit card details.

However, a better way to buy crypto is by sending money directly from your bank account.

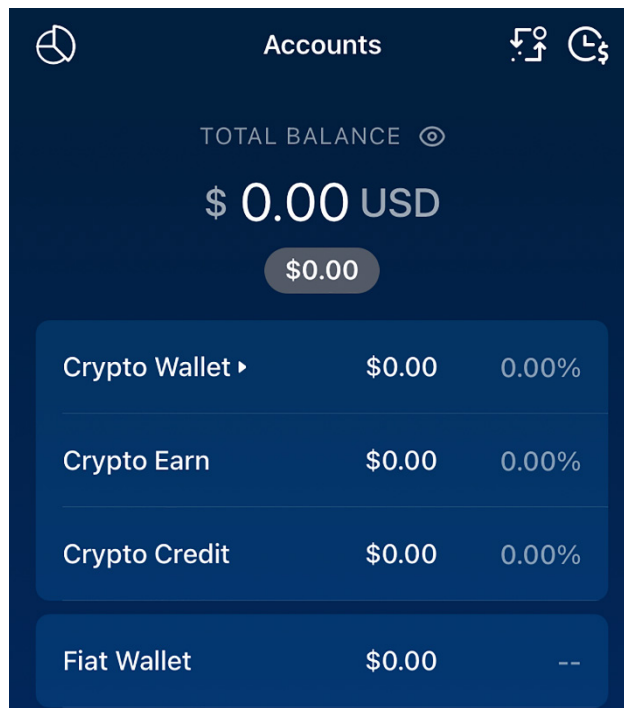
U.S. residents can send funds via ACH or Wire Transfer to the Crypto.com app. The exchange does not charge a fee for this service, though your bank may charge a separate fee.

With ACH, the minimum transfer amount is \$20. For Wire, it's a much heavier \$5,000. Also, be aware that the transfer time for ACH is three to five business days. It's one to two business days for Wire. To avail of this service, you need to have a Social Security Number and a U.S. residential address. Similar bank transfer options are available for residents of Europe, Canada, and elsewhere.

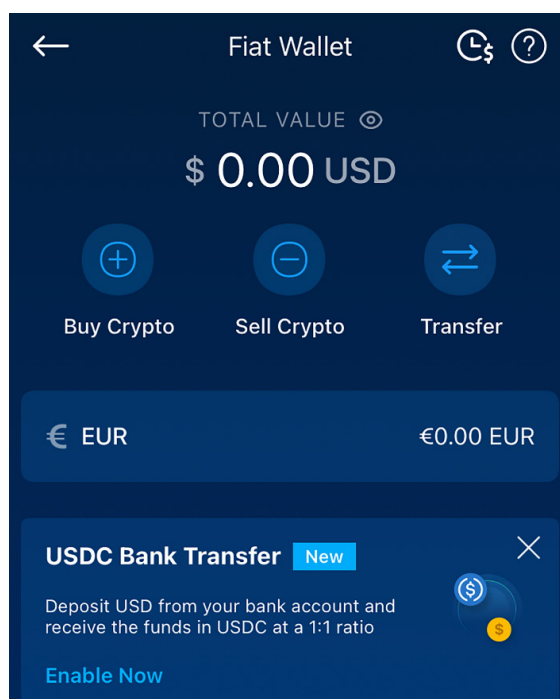
In fact, you may have access to multiple bank transfer options depending on where you have residency, citizenship, and bank accounts. If you're American and living in the States, you're likely limited to U.S. dollars for bank transfers. Similarly, if you're living in Europe and your primary address is European, then you will be limited to using euro for bank transfers. However, if you are American and have a U.S. address but are living in Europe, you will have both euros and U.S. dollars as funding options.

To transfer money to your Crypto.com account via bank transfer, click on the "Accounts" button at the bottom of the homepage.

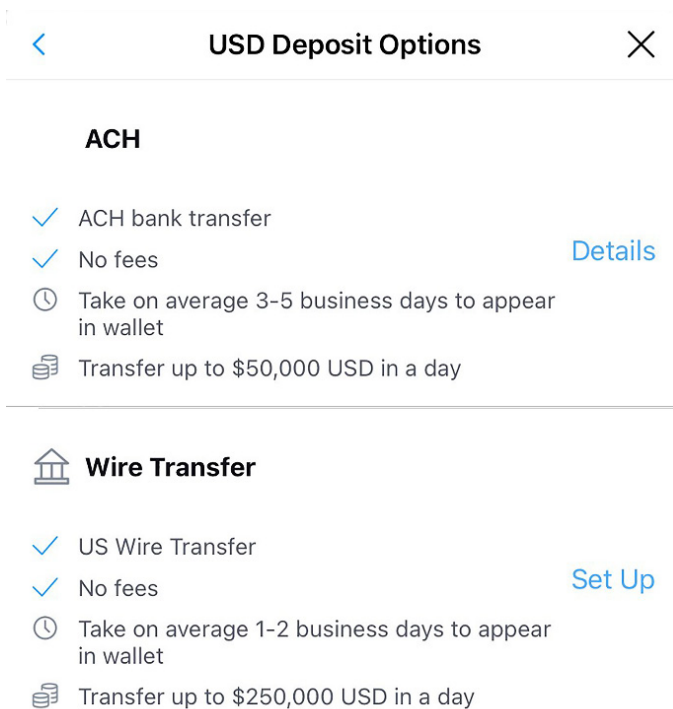
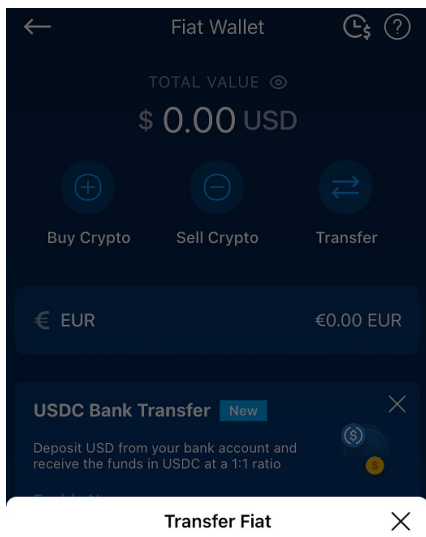
On the "Accounts" page, click on the option "Fiat Wallet."



Next, click on the "Transfer" option.

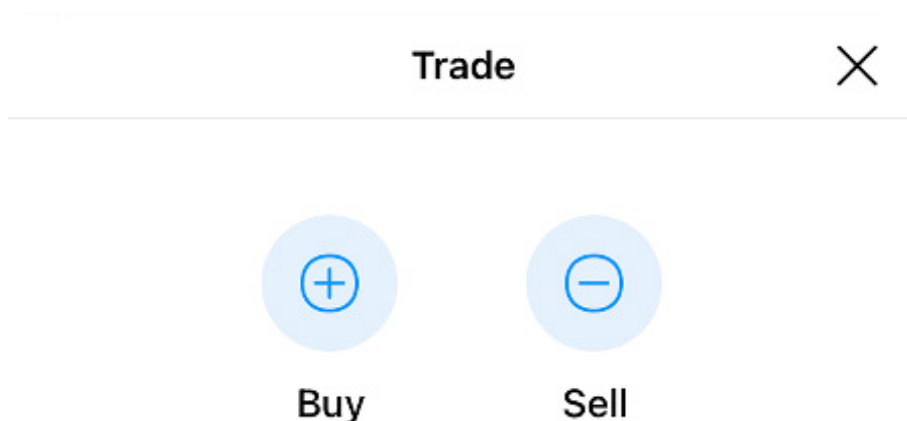


Next, click on “Deposit” and this will display “ACH” and “Wire Transfer” options. Click on “Details” under the ACH option and you will see the necessary information to complete the ACH transfer, including routing number, account number, account type, and bank name. Use these details to send the required funds from your bank account.

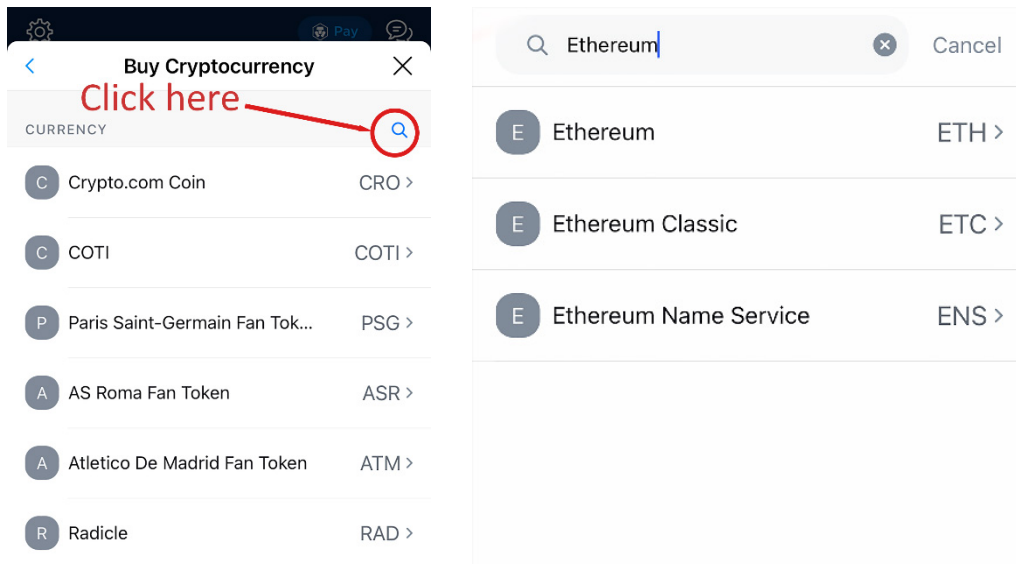


Once the funds have appeared in your fiat account, you should receive an email from Crypto.com informing you. You can then use these funds to purchase six of the seven crypto in our *Frontier Fortunes Portfolio*.

To get started, click the “Trade” button on the homepage of the app and you will see a tab at the bottom of the screen that asks you whether you want to “Buy” or “Sell.”

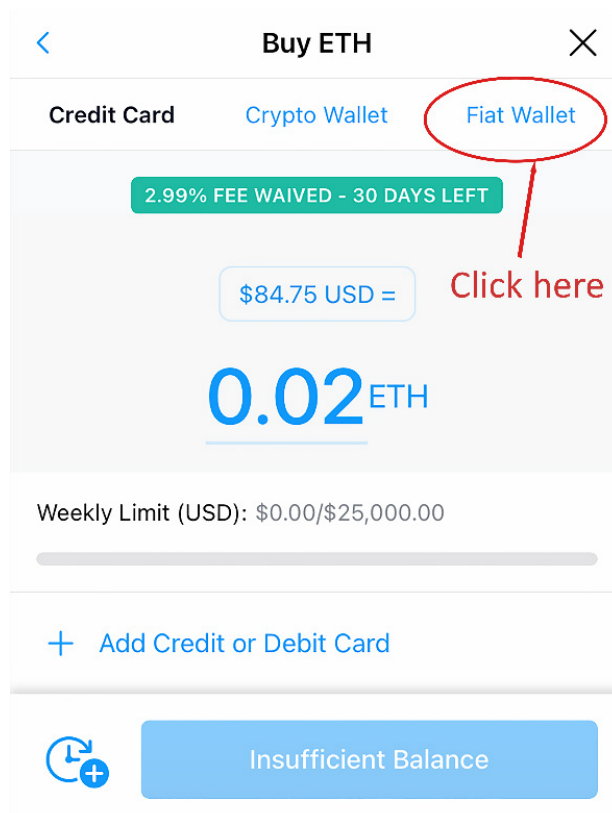


Click “Buy” and this will bring up a list of cryptocurrencies available for purchase. Click on the small magnifying glass in the top right and type in the name of the cryptocurrency you wish to purchase.

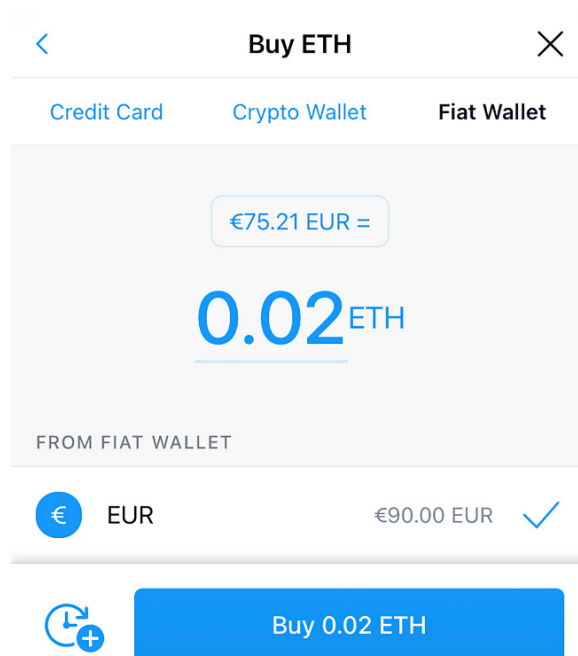


In this example, I am going to purchase some Ethereum. However, the process is exactly the same for every cryptocurrency. Type in the name of the cryptocurrency you want to buy and a list of relevant cryptos will appear. It's always a good idea to check both the name and the symbol to ensure you choose the correct option. In this case, we're looking for Ethereum (ETH).

When you click on Ethereum, the Crypto.com app will bring up the purchase menu. It is automatically set to "Credit Card." However, we wish to use the money we've deposited in our fiat wallet. So, click the "Fiat Wallet" option on the top right. (My fiat wallet shows euros as the base currency because my account is tied to my address in Prague. Yours will show dollars if you live in the States.)



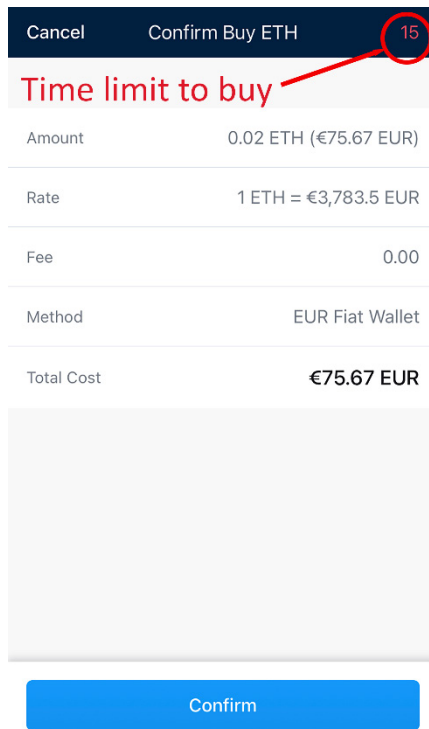
On the “Fiat Wallet” page, you can see the amount of money in your account. I have 90 euros that I transferred in for this walkthrough guide. On this page, you can also set how much crypto you want to buy. I’ve chosen 0.02 ETH, which at the time of the trade was worth just over 75 euros. You can change the amount of crypto you want to purchase by selecting and adjusting the large blue numbers in the center of the screen. When you’ve selected how much crypto you want to buy, click the blue “Buy” button at the bottom of the screen.



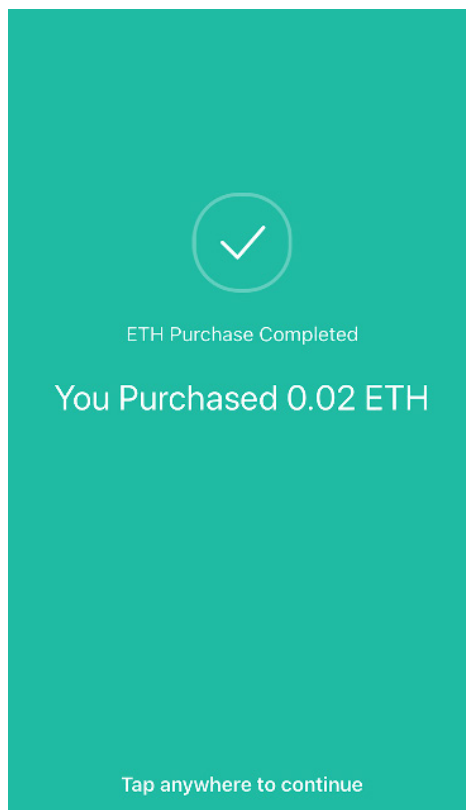
The next screen is the buy confirmation page. Here you can see the details of the purchase, including the amount of crypto you’re going to buy, the rate of the exchange, the fees (if any) for the trade, what payment method you’re using, and the total cost to you.

What’s important to note about this page is that you have 15 seconds to complete the trade. This is indicated by the red numbers counting down in the top right-hand corner of the screen. This time limit is necessary since the prices of cryptocurrencies are constantly fluctuating.

If you’re happy to proceed, click “Confirm.” You will also have to input your passcode within this 15-second time limit to complete the trade. If you fail to complete the process in time, you will go back two steps to the “Fiat Wallet” screen.

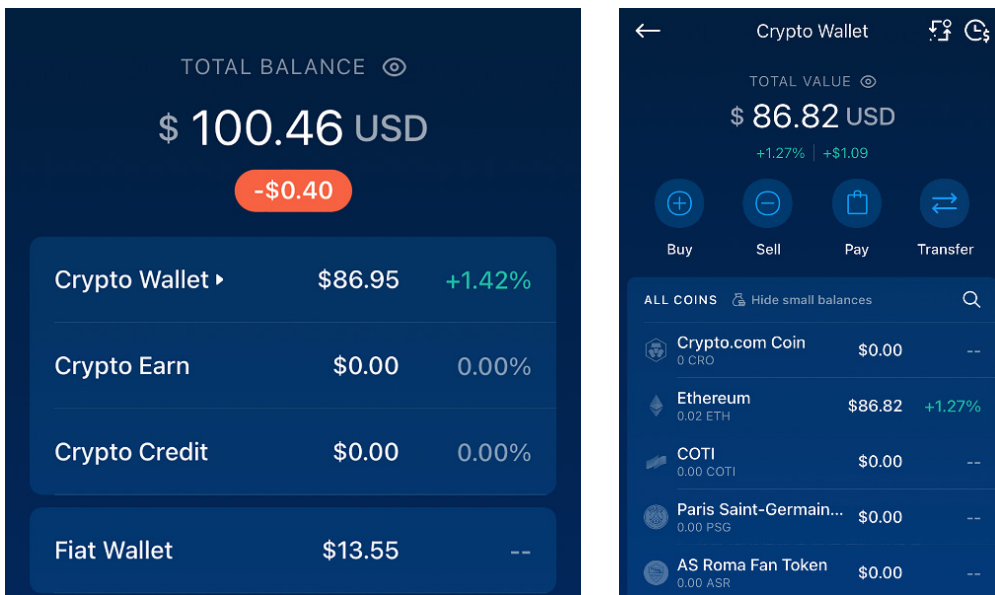


Once you complete the trade, you will see a green confirmation screen. You should also receive an email confirmation of your purchase.



After the purchase, you will return to the home screen. Don't be concerned if the "Total Balance" figure at the top of the homepage hasn't changed. This figure shows the U.S. dollar value of all your cryptocurrencies and any fiat currencies you have.

If you go to your accounts page by clicking the “Accounts” tab at the bottom of the screen, you can see the breakdown of your various assets. In this case, we can see the value of the assets in your Crypto Wallet, as well as any remaining fiat assets in your Fiat Wallet. When we click into the “Crypto Wallet,” we can see the 0.02 ETH that we purchased.

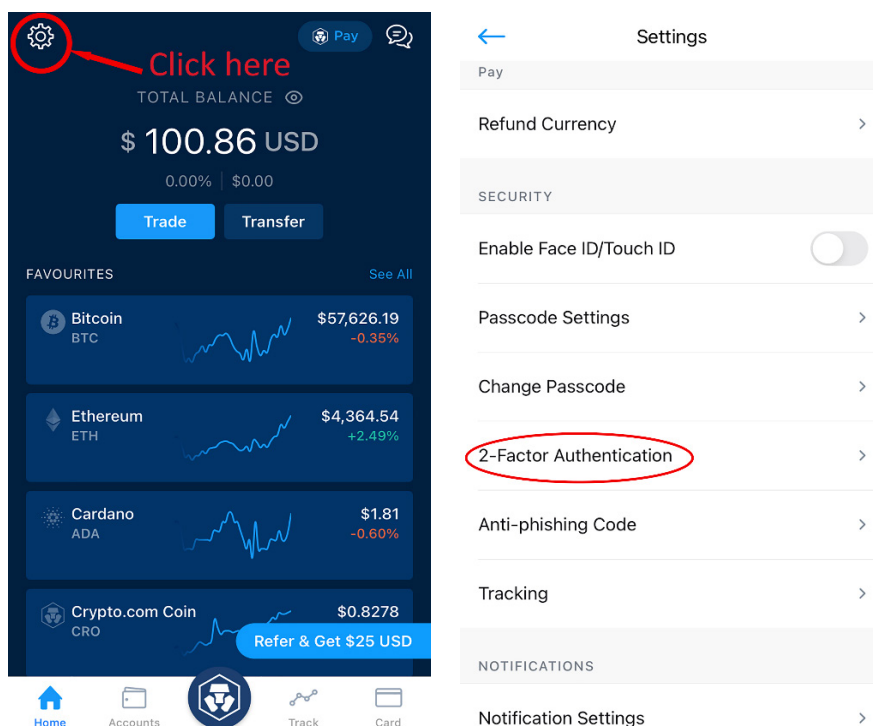


Setting up Enhanced Security Features on Crypto.com

There are two security features that I strongly advise you activate when using Crypto.com. The first is 2FA, or two-factor authentication.

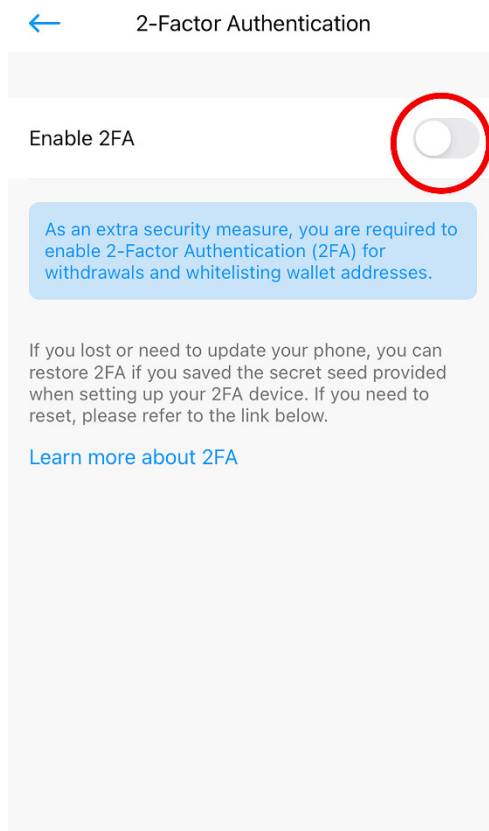
This is a security measure in which you are required to enter a one-time code from a separate authentication app to complete certain activities on the app, such as withdrawals.

To enable two-factor authentication, click on the gear icon in the top left-hand corner of the homepage to access your settings. Scroll down in the Settings menu, and you'll see an option for “2-Factor Authentication.”



You will need an authentication app to use this feature. There are a number of good options to choose from. I use Google Authenticator, which you can download for free from the Apple App Store or Google Play Store.

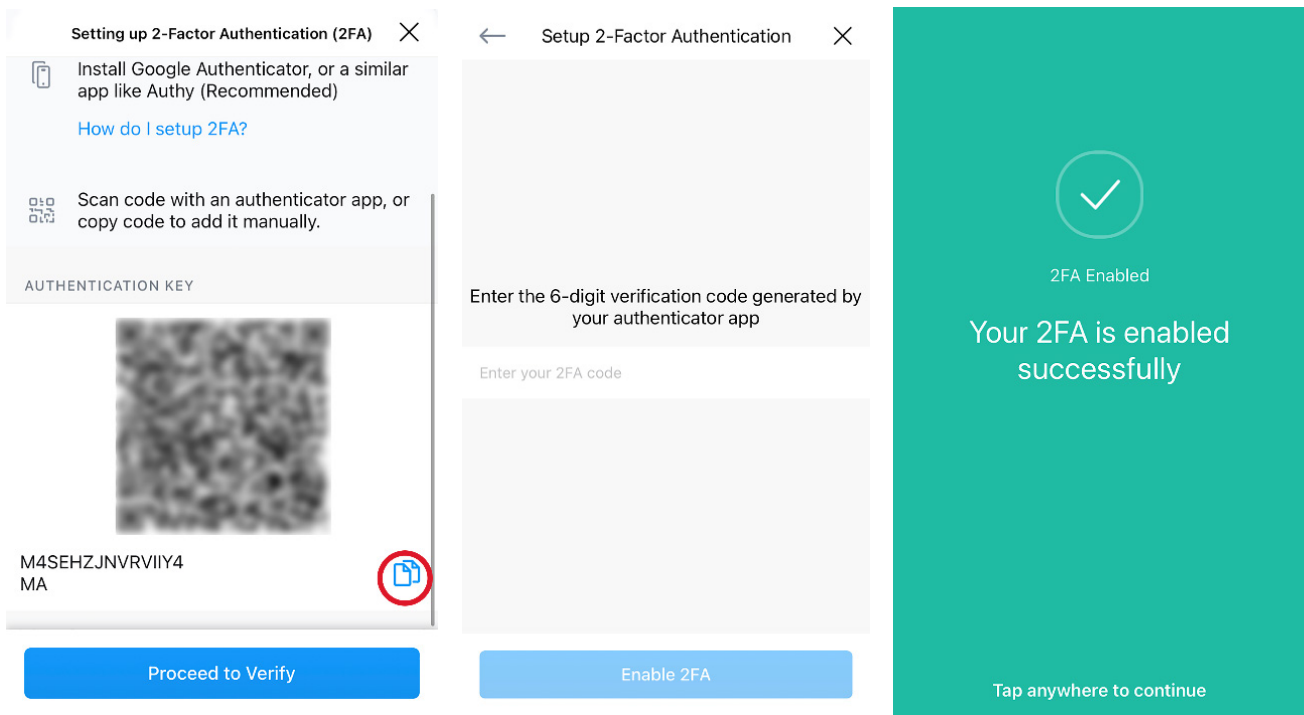
Once the Google Authenticator app is installed, toggle the switch on the top right of the “2-Factor Authentication” page in the Crypto.com app. You will then be asked to enter your passcode to confirm you wish to activate 2FA.



Once you do, you will see a page with a QR code and a long string of numbers and letters. You can use either the QR code or this long alphanumeric string to link your Authenticator app to your Crypto.com app.

In this case, I’m going to use the string of numbers and letters. Click the image of the two pages to copy that string (circled in the image on the left on the next page) and then open your Authenticator app and add it to the app. In the Google Authenticator app, you do this by clicking the “+” icon in the bottom left-hand corner of the app.

Once you enter the string of numbers and letters into your authenticator, it will begin to generate a random, six-digit number every 30 seconds or so. Copy this number and enter it into the Crypto.com app to link the two apps together. Then you will see a green confirmation screen to confirm this feature is active.



The other security feature I strongly advise you set up is the “Anti-phishing Code.” This is a word or phrase that will appear on your official emails from Crypto.com. If you receive an email claiming to be from Crypto.com that does not have this word or phrase, you will know that it is not an official communication and should be deleted.

This feature is listed below “2-Factor Authentication” in the “Settings” menu.

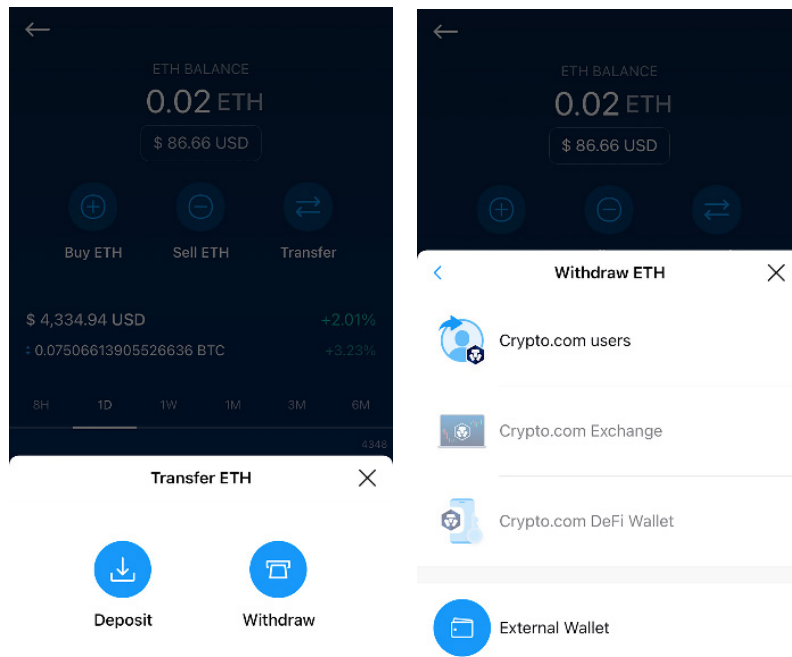
Withdrawing Assets From Crypto.com

Once you have purchased crypto, you have several options regarding what you do next. You can simply leave the crypto in your wallet that’s tied to Crypto.com. This is relatively safe and lots of crypto investors do this.

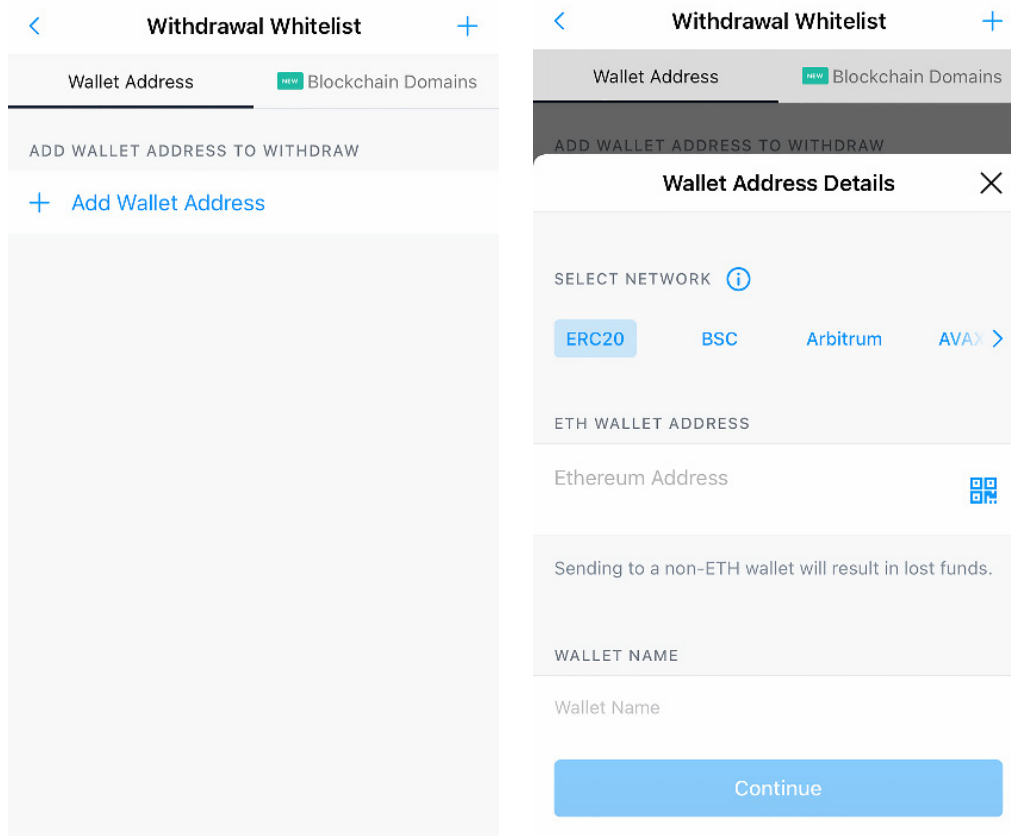
Alternatively, you can move your crypto to an external wallet, such as an Exodus Wallet. This provides more security and privacy, though there are fees involved.

To withdraw the crypto to an external wallet through the Crypto.com app, you first need to enable 2FA. Once this is done, go to the crypto you wish to withdraw in your Crypto Wallet and click the “Transfer” button.

Next click “Withdraw” and then “External Wallet.”



On the following screen, click “Add Wallet Address” and then on the next page, enter your “Wallet Address” and hit continue.



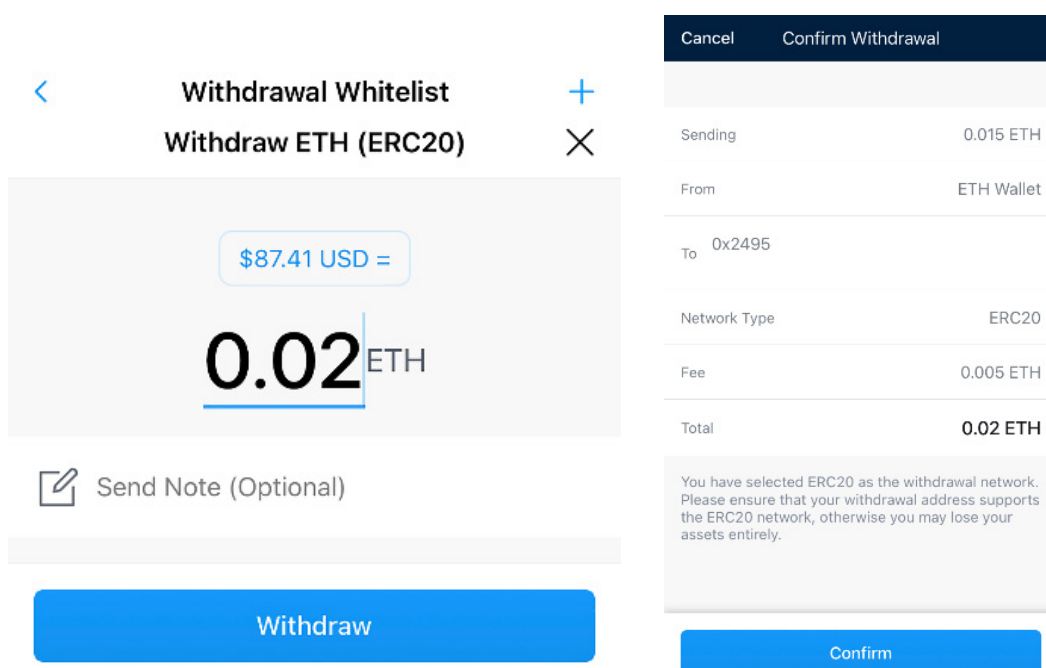
Note: It is vitally important that you send crypto over the correct network. For instance, Ethereum must be sent over the ERC20 network to another Ethereum wallet. If you send crypto over the wrong network, it will result in lost funds.

Next, you will be asked to input your six-digit passcode and then your six-digit authentication code for your authenticator app. Once you complete this step, you will see your newly added wallet address alongside a blue button titled “Withdraw ETH.”

When you click “Withdraw ETH,” it will take you to a screen where you can input the amount you want to withdraw. For our example, I’m going to withdraw the 0.02 ETH we purchased earlier, so I entered this amount and hit the blue “Withdraw” button.

This will take you to a final screen where you will be able to confirm all the details of the withdrawal and crucially, the network transaction fee. As you can see in the below example, the transaction fee was a hefty 0.005 ETH, or about \$21 at that time. Transaction fees have been high for some time on the Ethereum network, which explains the growing prominence of competing networks such as Solana.

If you wish to complete the transaction, click “Confirm.”



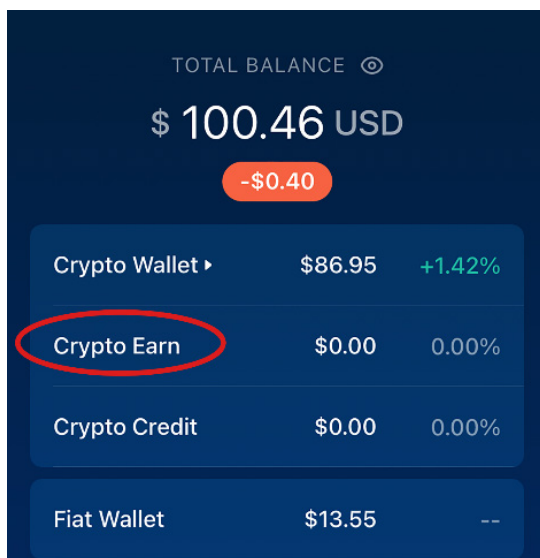
Earning Interest on Your Assets at Crypto.com

Crypto.com operates a service called “Crypto Earn” that offers up to 14.5% annual interest on crypto assets. Earnings are paid in the same currency that you deposit. So, if you deposit Ethereum, you earn more Ethereum. If you deposit bitcoin, you earn more bitcoin, etc.

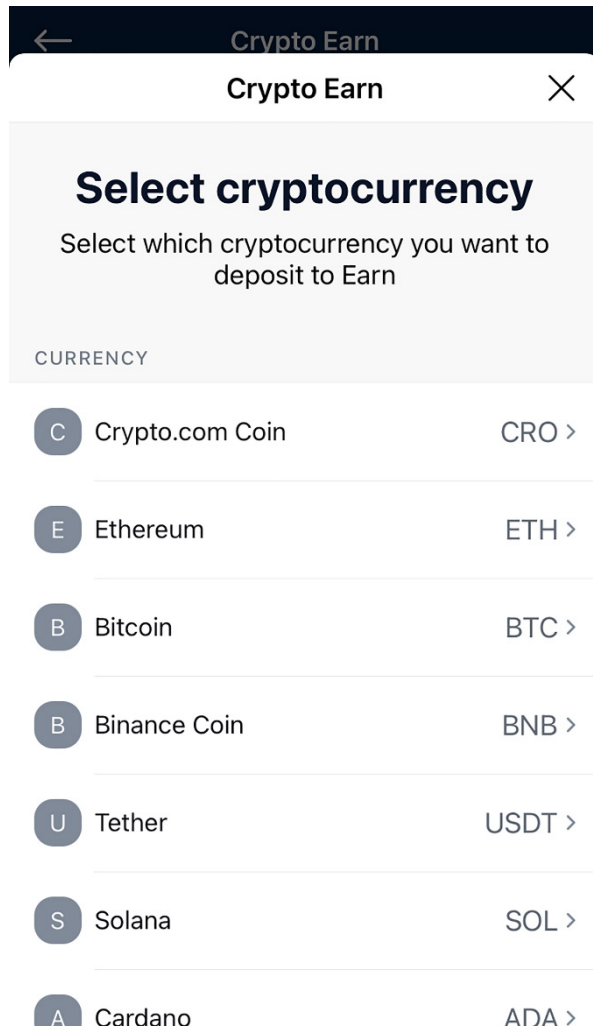
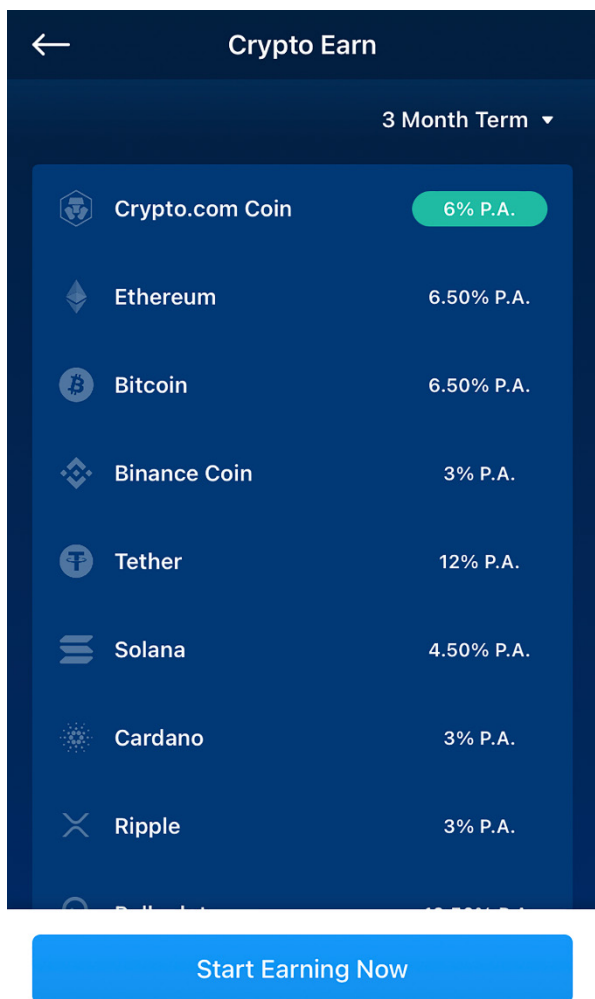
This is an excellent way to expand your crypto earnings and a far superior option to simply leaving the assets in your Crypto Wallet.

In the following example, I'll show you how to stake Ethereum on the Crypto.com app, though the process is largely the same for all crypto.

To get started, go to the "Accounts" tab on the bottom of the app, and in your accounts, click on the "Crypto Earn" option.



In "Crypto Earn," click on "Start Earning Now." This will bring up the list of assets that earn interest on Crypto.com. Scroll down and pick the crypto you wish to deposit. In this case, we're selecting Ethereum.



Once you choose your crypto, you will see a list of the available interest options. For Ethereum, we have three options—Flexible, 1 Month Term, and 3 Month Term, with rates varying from 3.5% to 5.5% a year.

Note: The interest rates listed on this “Select Term” screen will likely be lower than on the previous page. Crypto.com offers higher interest rates if you have a Crypto.com Visa card and it’s those higher rates that are listed on the first menu.

Another important point to note is that Crypto.com has minimum limits to participate in the Earn program. For instance, the minimum amount of Ethereum you need to participate is 0.15, or approximately \$251 at time of writing. For Avalanche, the minimum is 5 tokens, or around \$121 at time of writing.

For the assets in our portfolio, “Flexible” is often the best option since you have the freedom to remove and trade your assets at any time.

With the other options, your assets are locked away, meaning you cannot withdraw or trade them until the one-month or three-month terms have expired. However, if you are holding an asset as a long-term investment, it may make sense to select a one- or three-month option.

To advance, click on your preferred option and hit “Continue.” You will be asked to check a number of boxes to confirm you understand the terms and conditions. Once you do, you will start earning interest on your assets.

The screenshot shows a mobile app interface for 'Crypto Earn'. At the top, there is a back arrow on the left, the title 'Crypto Earn' in the center, and a close 'X' icon on the right. Below the title is a section titled 'Select Term' with a subtitle: 'When the term expires, your principal and earnings will be in the currency you select.' There are three options listed, each with a radio button to its right:

- Flexible** (3.50% P.A.): Assets can be withdrawn anytime, and will earn 3.50% per year for the duration.
- 1 Month Term** (4.50% P.A.): Assets will be held for 1 month, and will earn 4.50% per year for the duration.
- 3 Month Term** (5.50% P.A.): Assets will be held for 3 month, and will earn 5.50% per year for the duration.

At the bottom of the screen is a large blue button labeled 'Continue'.

Part 2: How to Use Decentralized Crypto Exchanges

As I mentioned in the introduction, decentralized exchanges, or DEXs, are peer-to-peer trading platforms. These sites use automated systems to match buyers and sellers and complete crypto trades.

You cannot simply transfer funds to one of these exchanges using a credit card, a debit card, or via bank transfer. Rather, you have to send crypto to a third-party wallet from a centralized exchange such as Crypto.com or Coinbase. Then, you'll trade that crypto for whatever crypto you want to buy using your third-party wallet.

So, to purchase crypto through a DEX, I recommend you follow this process:

1. Purchase crypto through a centralized exchange such as Crypto.com
2. Withdraw/Send this crypto from the exchange to a third-party crypto wallet.
3. Connect your third-party wallet to the decentralized exchange.
4. Trade the crypto in your wallet for the new crypto you want to buy.
5. Your new crypto will then appear in your third-party wallet.

In Part 1 of this report, I showed you how to set up an account and purchase crypto at a centralized exchange like Crypto.com.

In Part 2, I will guide you step-by-step through the rest of this process.

Now, before we begin, there is one essential point to note.

Different cryptocurrencies operate on different blockchain networks. The two biggest networks are Ethereum and Solana. Hundreds or even thousands of different cryptocurrencies trade on each of these networks.

Ethereum tokens **must** be traded on the Ethereum network, Solana tokens **must** be traded on the Solana network, etc.

You **cannot** trade an Ethereum token on the Solana blockchain, or vice versa. You also need an Ethereum-based, third-party wallet to trade Ethereum tokens, and a Solana-based third-party wallet to trade Solana tokens.

Note: Sometimes, tokens have different versions for each of these networks. Take the example of US Dollar Coin, or USDC. This is a dollar stablecoin—a cryptocurrency that tracks the value of the U.S. dollar very tightly. There is a Solana version of USDC and an Ethereum version of USDC, but you cannot use a Solana USDC to trade on an Ethereum-based exchange and vice versa.

I know that sounds ridiculous and complicated, but the internal coding that runs each blockchain is different, which means the tokens and coins that work on each blockchain must have different coding, too.

Typically, DEXs trade tokens from only one blockchain network.

[Uniswap](#), the biggest DEX in the world, focuses on the Ethereum network. Another major Ethereum DEX is [SushiSwap](#).

Major DEXs on the Solana networks include [Orca](#) and [Raydium](#).

For this walkthrough, I'm going to show you how to buy Star Atlas DAO (symbol: POLIS), one of the recommended cryptos in the *Frontier Fortunes Portfolio*.

Since this crypto operates on the Solana network, I'll be showing you how to set up a Solana-based wallet and trade on the Orca exchange. However, all DEXs and third-party wallets operate in basically the same way. If you can use one, you can use them all.

The wallet we're going to use here is the same wallet I recommend you use to trade non-fungible tokens, or NFTs. So, if you have read through and completed the setup and funding steps in [The Frontier Fortunes Guide to NFT Wallets](#) report, you will not need to repeat this section. Instead, you can skip ahead to the section "How to Trade Crypto on a DEX."

How to Set Up a Third-Party Wallet

The wallet I recommend for the Ethereum network is called [Metamask](#). It is available as a browser extension or as a smartphone app.

For the Solana network, the wallet I recommend is called [Phantom](#). It is also available as a browser extension or as a smartphone app.

(Note: Be careful when downloading any smartphone wallet app. Scammers have created fake versions of these apps and using one of these fraudulent programs can result in your funds being stolen.)

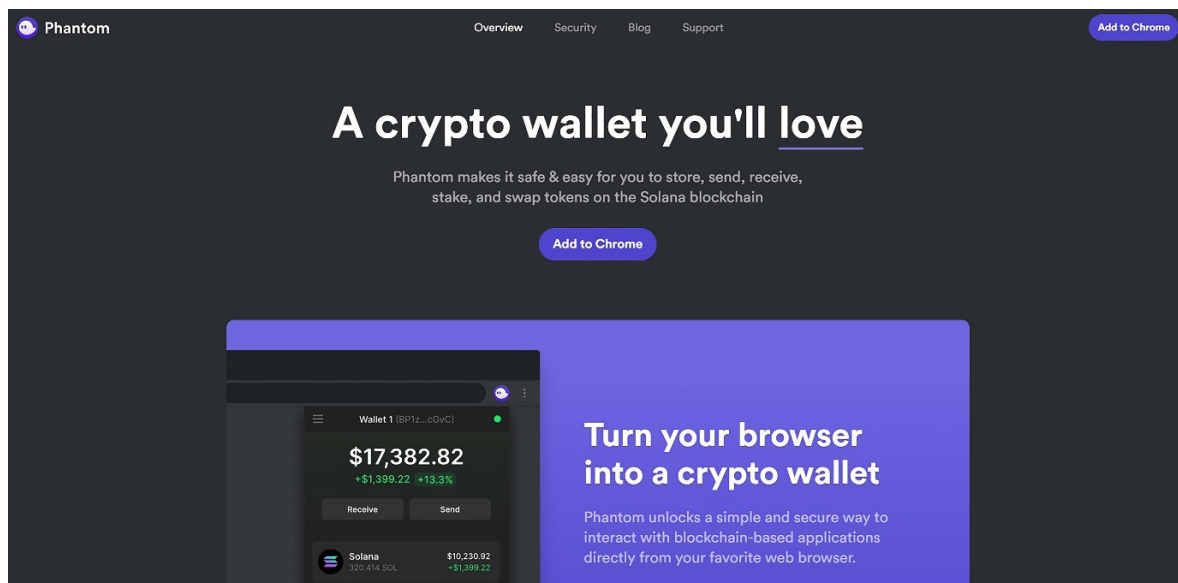
Both the Metamask and Phantom wallets are free to download and use. Their creators make money by charging transactions fees when you trade on them. Those fees are minimal.

In this guide I will walk you through the process of setting up and using a Phantom wallet on a browser extension.

Because it is a browser extension, the Phantom wallet will be associated with a specific browser on a specific computer. You cannot log in and out of it from any computer you come across. So, it is best to install the browser extension on your home personal computer or as an extension to the browser you use on your smartphone. Your Phantom browser wallet can be transferred to another computer, though this process is a tad involved.

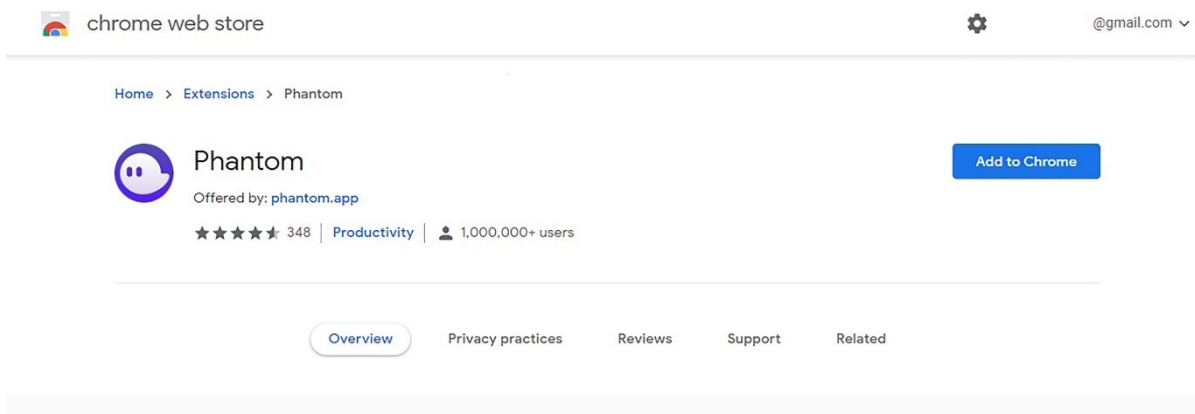
To begin, go to the Phantom website: <https://phantom.app/>.

There you will see the following:

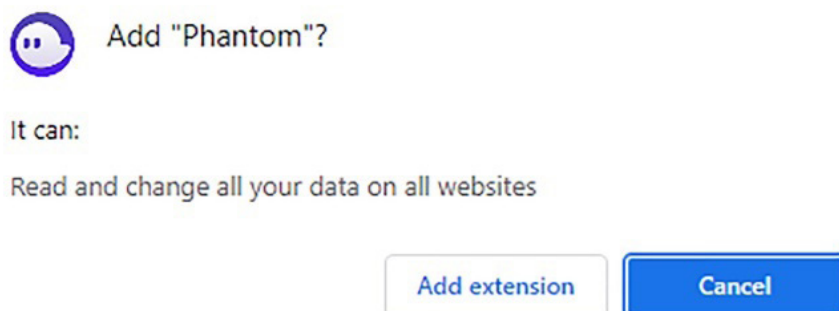


In the middle of the page, you will see a button called “Add to X.” This button automatically detects the browser you are using. As I am using Chrome, it says “Add to Chrome.” If you are using another browser like “Firefox,” it will read “Add to Firefox.”

When you click on “Add to Chrome,” it will take you to the Chrome web store. Then again, click on “Add to Chrome.”

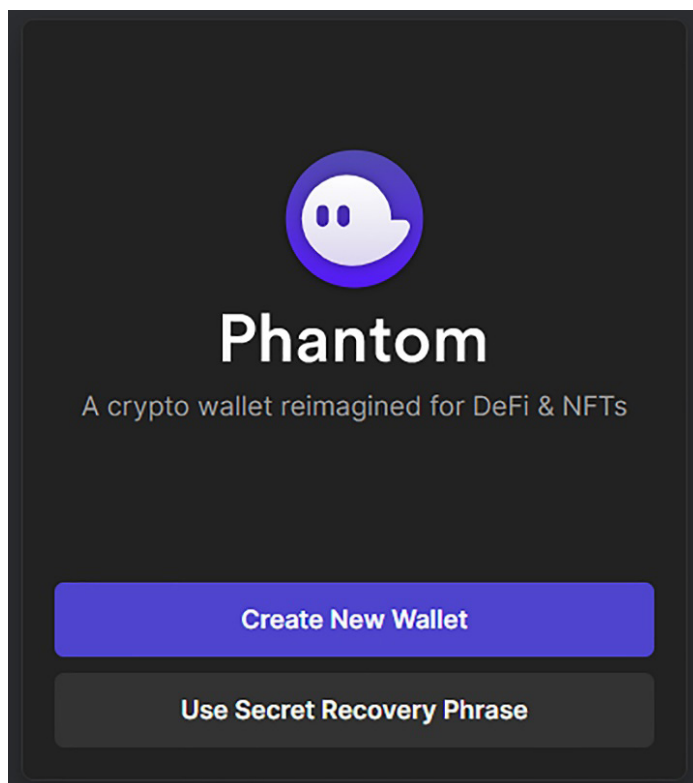


When you click on “Add to Chrome,” a notification box will pop up informing you that the extension will have permission to read and modify data on all sites. This is normal. Click on “Add Extension” to proceed.



It should only take a few seconds to a minute to add the extension. Once this is complete, Phantom wallet will open a tab to ask whether you want to create a new wallet, or use a seed recovery phrase to recreate an existing wallet. (Inserting this phrase is how you move your wallet from one browser to another.)

In this instance, we are creating a new wallet, so we're going to click on "Create New Wallet."



When you click on "Create New Wallet," Phantom will bring up a screen showing the 12-word seed recovery phrase for your new wallet.

In the crypto space, a seed recovery phrase is a list of 12 to 24 random words that you are given when you create a wallet. That phrase is your failsafe. If you forget your password or lose/replace your phone or computer, this phrase, inserted in the right order, will restore your wallet and everything you own in the wallet. Without this phrase, you cannot recover your account if you forget the password. For security reasons, there are no "reset password" options with crypto wallets.

There are some real horror stories about people who lost access to their wallets. Perhaps the most famous concerns a German programmer who amassed 7,002 bitcoins in his wallet in the early days of bitcoin, when it was trading at pennies. However, he forgot the password and now, years later, he's sitting on hundreds of millions of dollars in bitcoin that he will likely never recover.

So, at this point, stop. **Do not go any further until you do the following:**

1. Write down the phrase onto a piece of paper.
2. Then, write it down a second, even a third time.
3. Next, store those pieces of paper in separate, secure places—a firebox at home, or a bank safe-deposit box, for example.

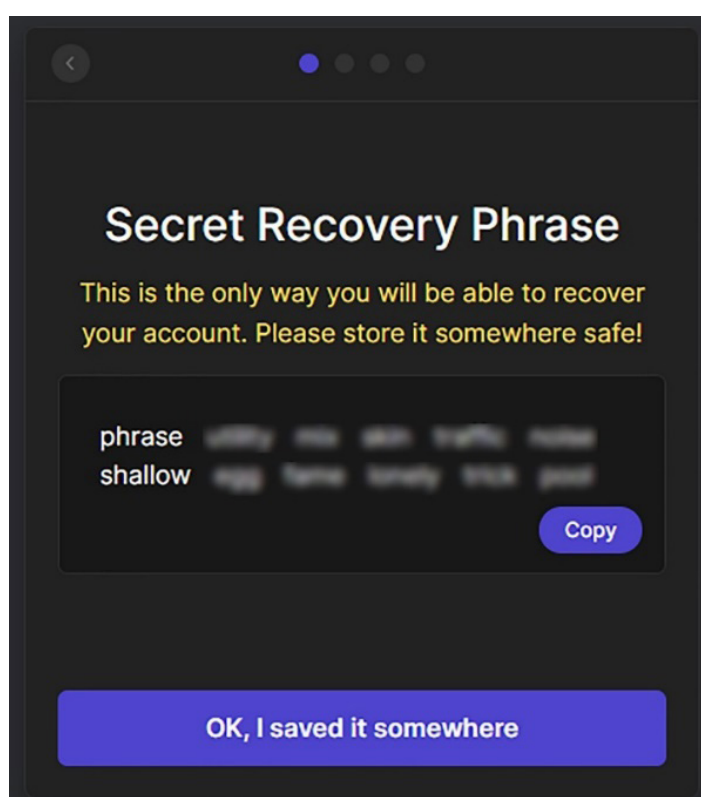
An additional point of utmost importance: **Never give this phrase to anyone for any reason.**

You may receive emails purporting to be from Phantom asking you to confirm your seed phrase. Ignore them. These are scams. No crypto firm, exchange, or wallet will ever ask you to confirm that information. Ever! They don't know your seed phrase to begin with, so they would have no way to confirm what you share.

If you give your seed phrase to anyone, they can immediately steal all of your assets.

The only people who should ever have your seed phrase are you and perhaps a lawyer, family member, or friend who you trust *completely* to help manage your finances or distribute your assets if you pass away.

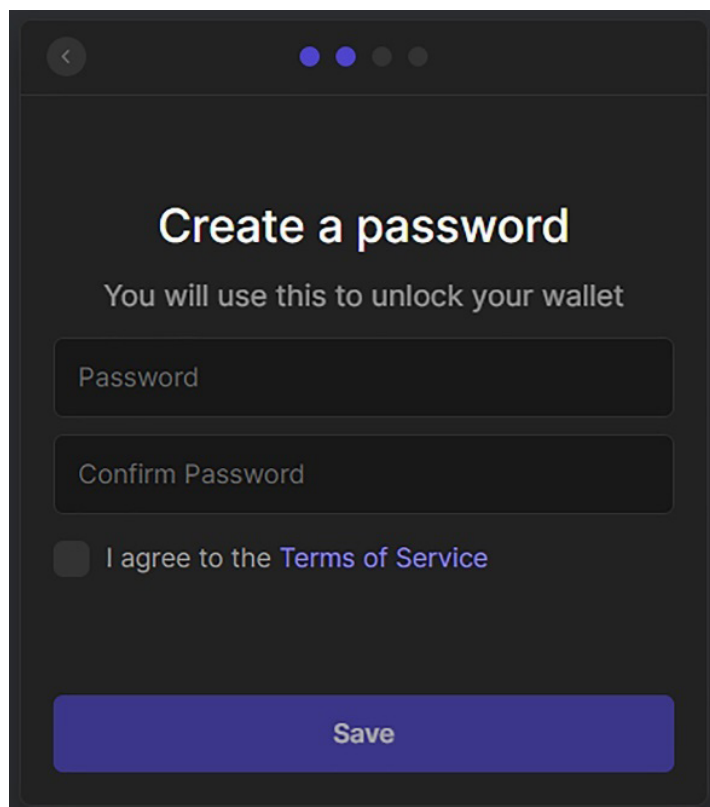
Once you have recorded your seed recovery phrase in multiple locations, click on “OK, I saved it somewhere.”



Next, you will come to the password creation screen. It is very important to choose a strong password since you can view your seed recovery phrase inside your account by entering your password.

I strongly advise that you create a long, unique password, or use a password-generating app such as [NordPass](#) to create and store a strong option. Or, create a sentence you will never forget that includes numbers, capital letters, and unique characters, like: “myDogRoVERwasborn@2007.”

Enter your desired password, click on the check box to confirm you agree to the T&Cs, and click “Save” to continue.



With that, you’re all done. Your wallet is installed and ready to use.

To access the wallet, click on the jigsaw icon in the top right-hand corner of your browser (for Chrome users). Phantom will appear in the drop-down list of your extensions. I suggest you pin it to your browser by clicking on the pin icon beside its name. This will place it beside the jigsaw piece so it is more easily accessible, which is convenient and, more importantly, necessary if you ever get into the world of minting non-fungible tokens. Quick, immediate access to your wallet is crucial in that world.

You can also access Phantom by pressing ALT + SHIFT + P when your browser is open (for Windows users).

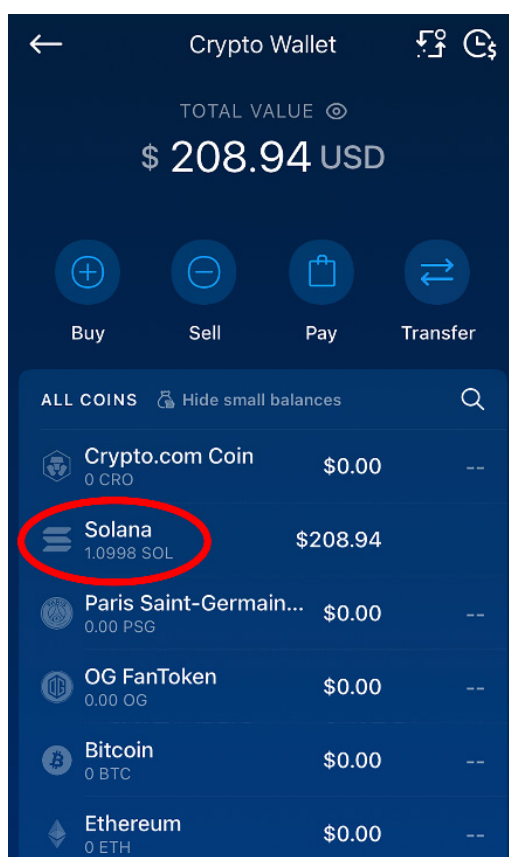
How to Fund Your Third-Party Wallet

To fund your Phantom wallet, you will need to purchase some of the Solana cryptocurrency, SOL, or USDC stablecoin. You could also fund it using another crypto that operates on the Solana network; however, funding it with SOL or USDC is the most convenient option because the crypto you want to buy will almost always be priced in either SOL or USDC. (If you are using an Ethereum wallet like Metamask, you will need to fund it with Ethereum or the Ethereum network version of USDC.)

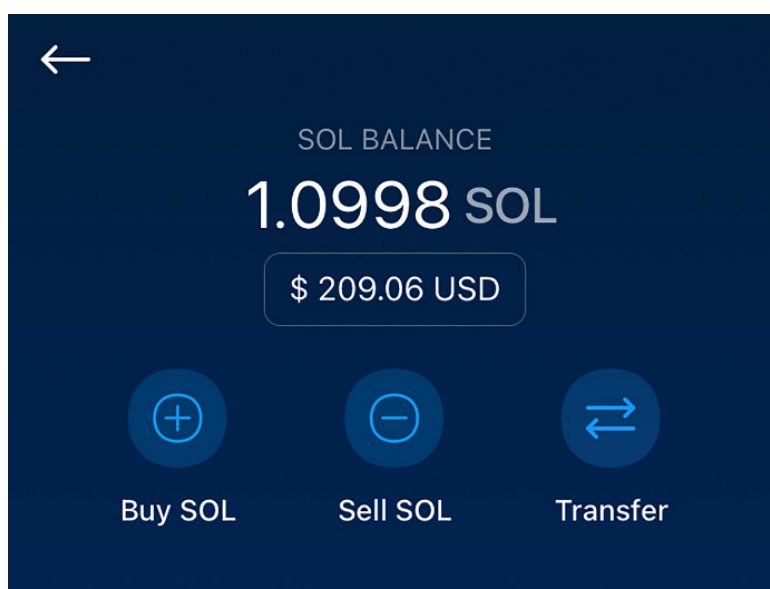
The easiest way to buy some SOL is through a crypto exchange such as [Crypto.com](#), or [Coinbase](#).

Once you own some Solana, you can easily transfer it to your Phantom wallet.

For the purposes of this example, I have purchased a little less than 1.1 SOL in a Crypto.com account, which you can see in the image below. This was worth \$208.94 at the time of purchase.



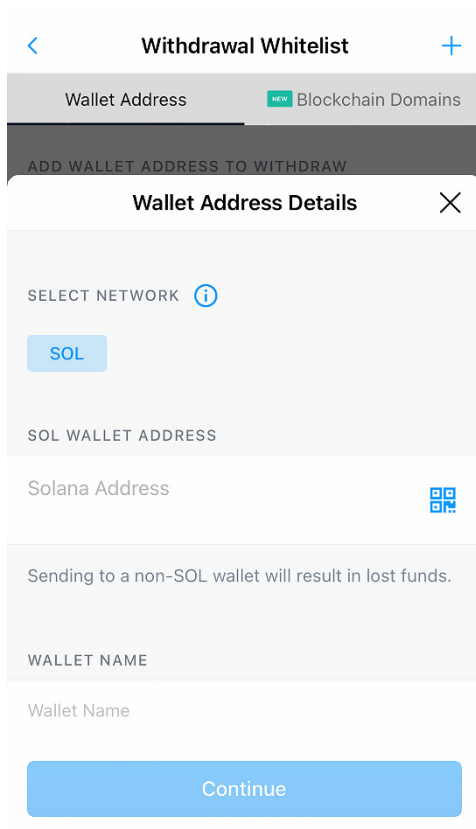
To send it to your Phantom wallet, click on the name of the cryptocurrency and the Crypto.com app will display your holdings and give you three options “Buy SOL,” “Sell SOL” and “Transfer.”



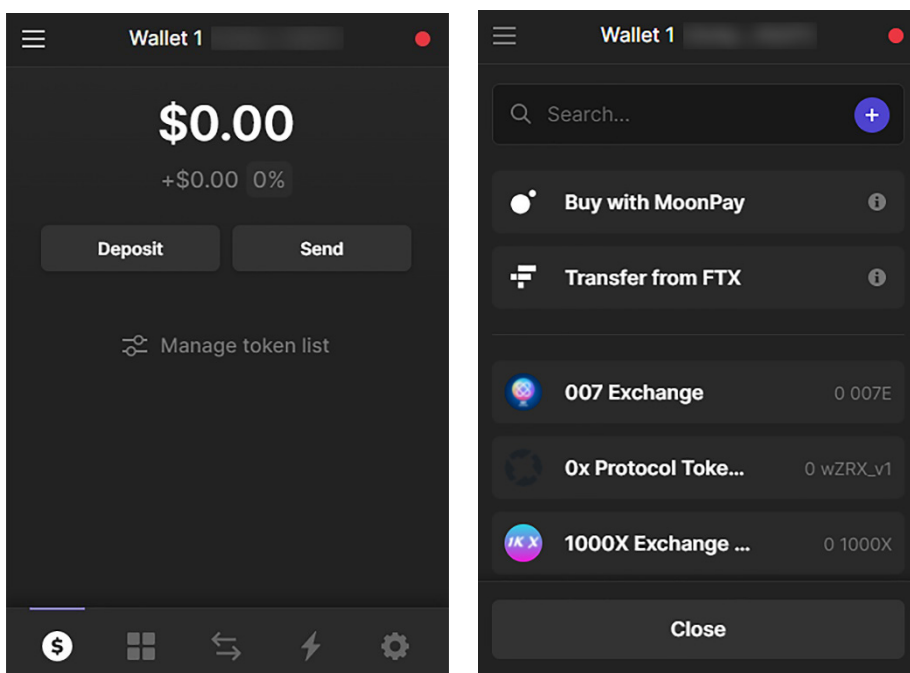
When you click on “Transfer,” you will see options for “Deposit” and “Withdraw.” We are sending SOL to our Phantom wallet in this example, so click on “Withdraw.”

This will bring up the screen below. This is the “Withdrawal Whitelist” screen. This begins the process of whitelisting, or approving, a new external wallet for withdrawals.

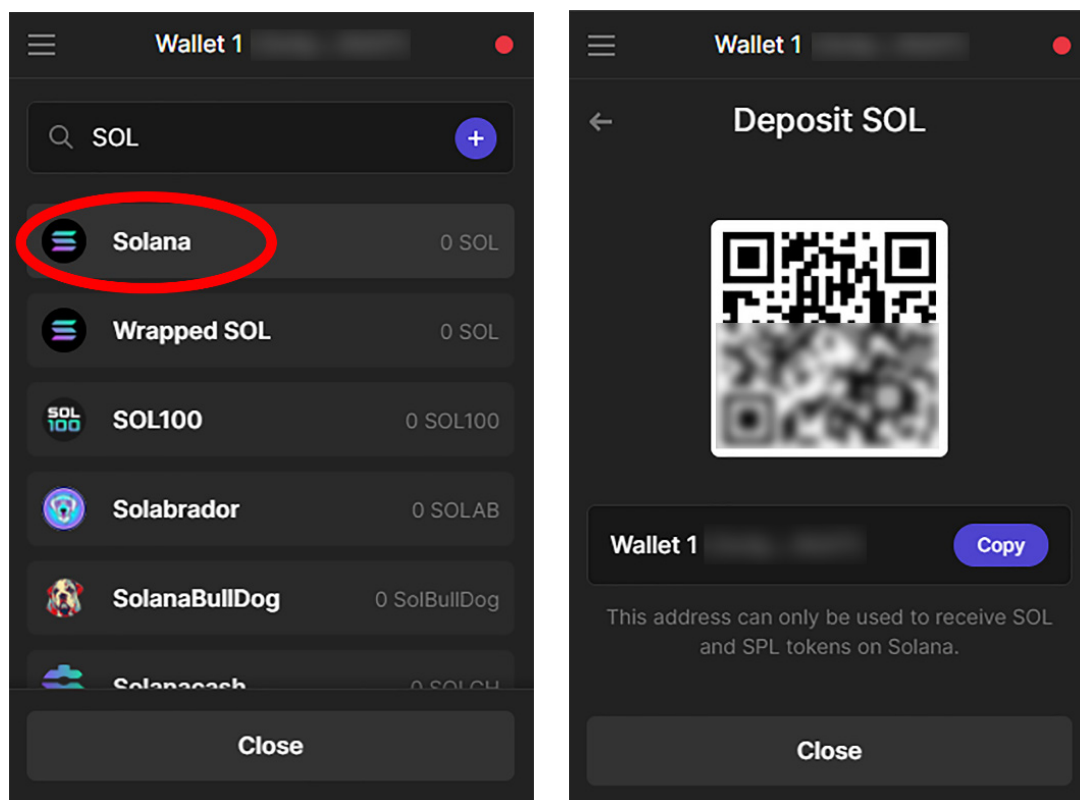
You can see that the network selected is “SOL.” This is correct. Below that, we can enter our SOL Wallet Address. This will be the address of our newly created Phantom wallet.



To get the address of your Phantom wallet, open the wallet and click on the “Deposit” button. This will bring up a list of the cryptocurrencies you can add to your wallet (right image). In the search bar at the top, type in “SOL.”



When you type in SOL, “Solana” should appear as the first option in the list. Click on this and it will bring up your SOL wallet deposit information (right image).

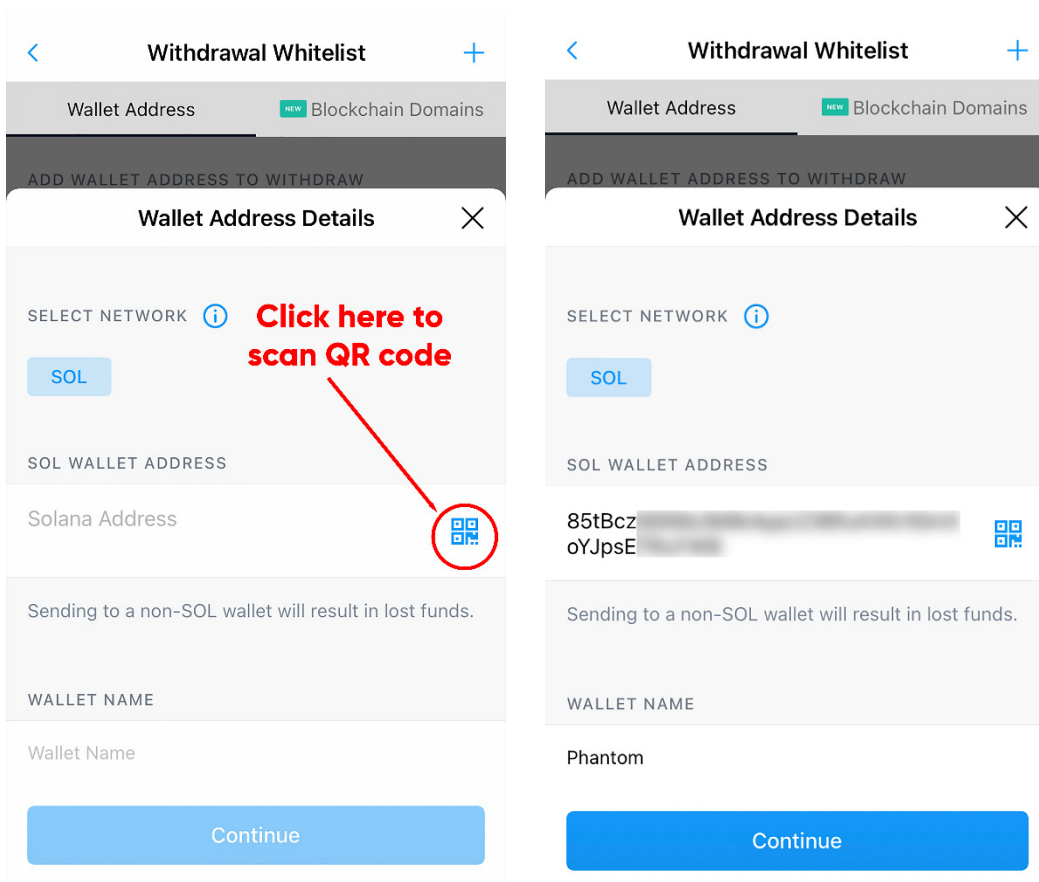


You have two ways to copy your SOL wallet address:

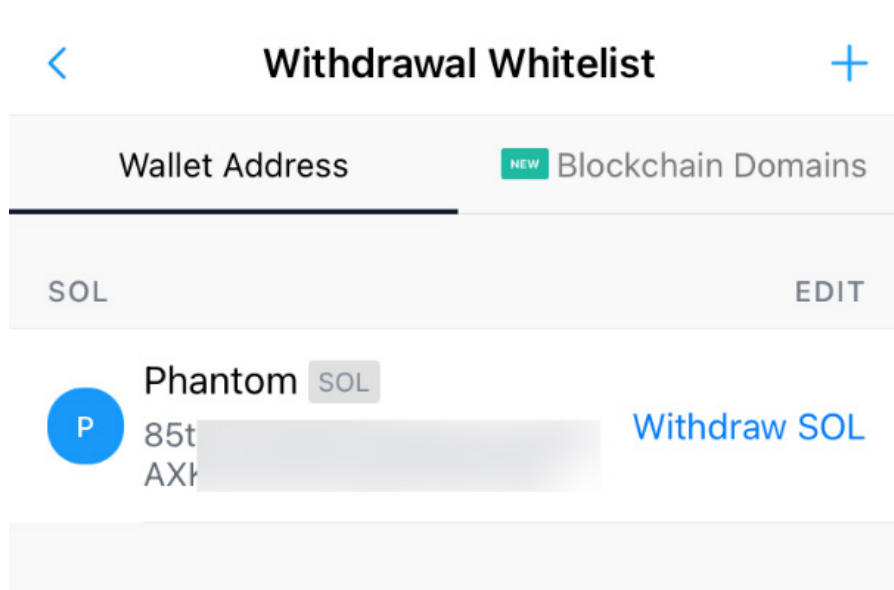
You can click the purple “Copy” button and insert this into the withdrawal form in the Crypto.com app.

Alternatively, you can first return to the Crypto.com app and click on the small square at the right-hand side of the SOL wallet address text box. This will open your camera. You can then scan the QR code in your Phantom wallet and this will automatically fill in your wallet address in the Crypto.com app.

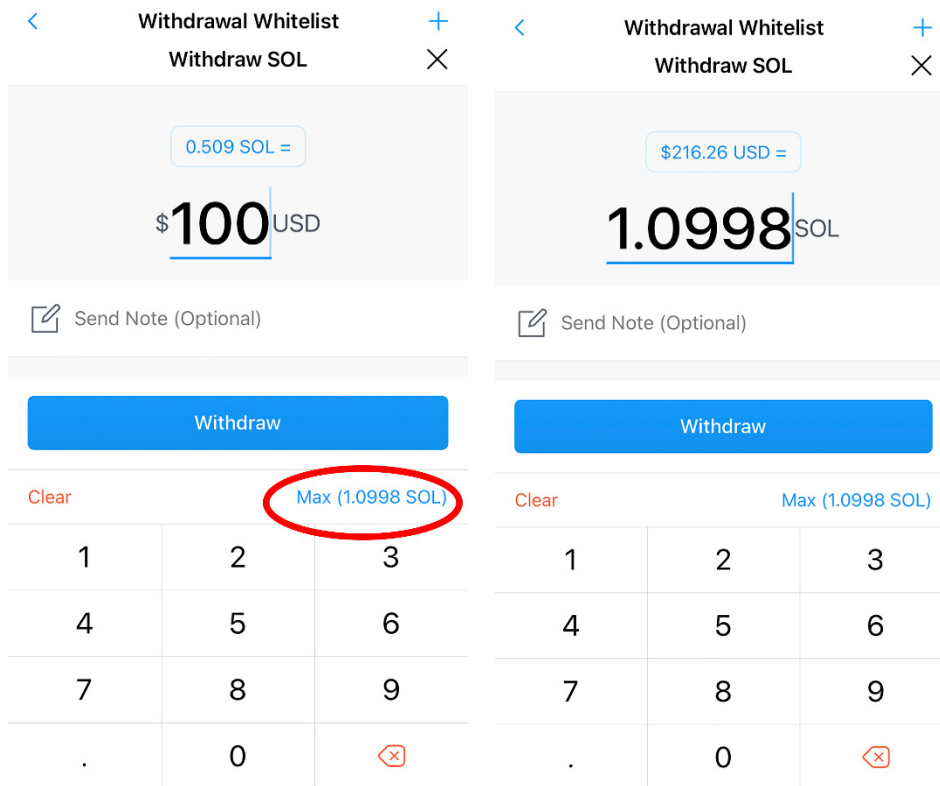
Once the SOL wallet address box is filled with your address, enter a name for your wallet in the box below. You can write anything you want in this space. Crypto.com will simply use this name to record this wallet address, so you don't need to input these details every time you send funds to your Phantom wallet. In the future, you can simply select this wallet based on the title you give it. I'm just going to call it "Phantom."



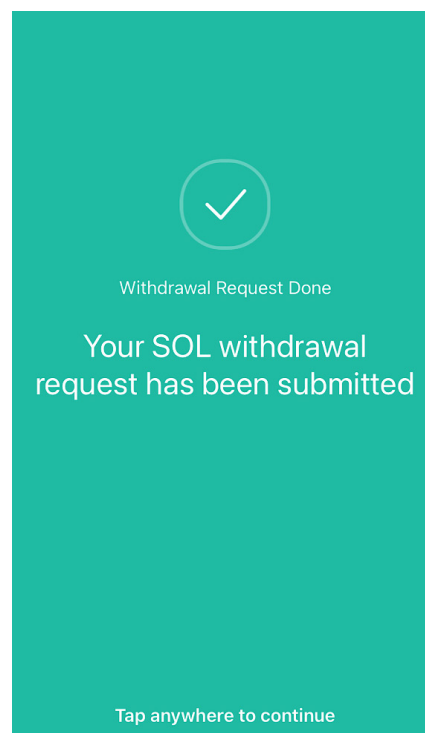
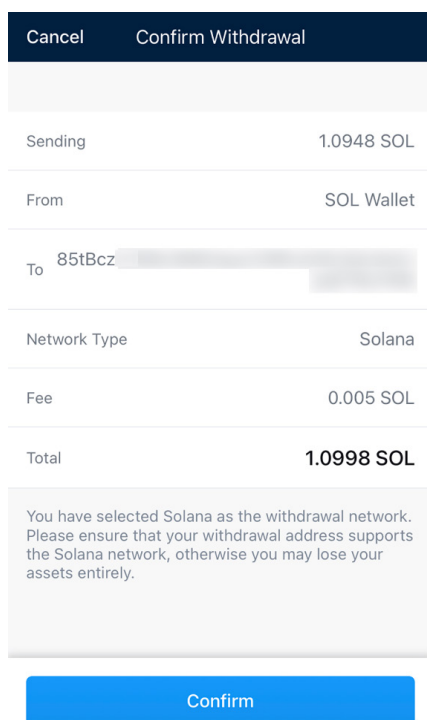
Click continue and Crypto.com will ask you to input your passcode. Next, if you have set up an authenticator app, it will ask you to input the code from this app. Once you complete these steps, you will see the screen below. Click on "Withdraw SOL" to continue.



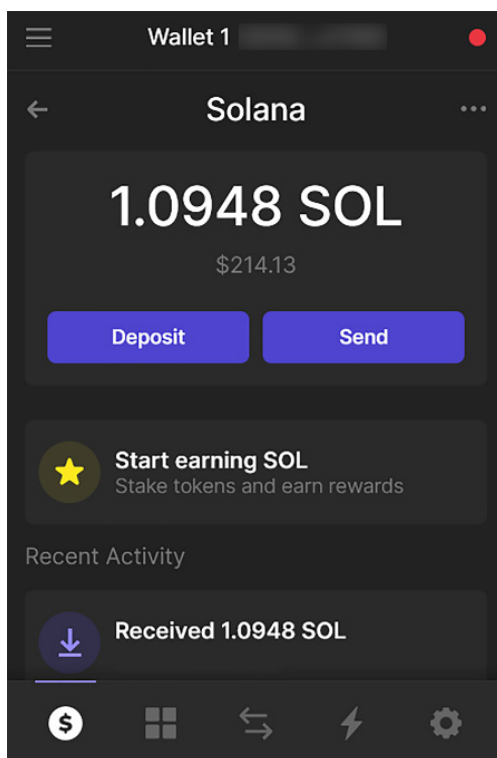
On the subsequent withdrawal page, the amount of the withdrawal is automatically set to \$100, which in this case is 0.509 SOL. However, if you wish to withdraw all of the SOL in your account, as I do, you can click on the “Max” button highlighted below. Once you click on “Max,” all of your SOL will be selected and you can click on “Withdraw” to continue.



This will take you to the withdrawal confirmation page. This page will show you the fee for the withdrawal, which in this case is 0.005 SOL. So, at the time of this transfer, the fee was about \$1. When you click “Confirm,” Crypto.com will ask you once again for your passcode and a six-digit code from your authenticator app. Once you enter these details, you will see the confirmation page.



The process of sending the SOL to your Phantom wallet usually takes only a few minutes. In this case, the 1.0948 SOL appeared almost immediately. The difference between what I sent and what I received is the 0.005 SOL transfer fee.

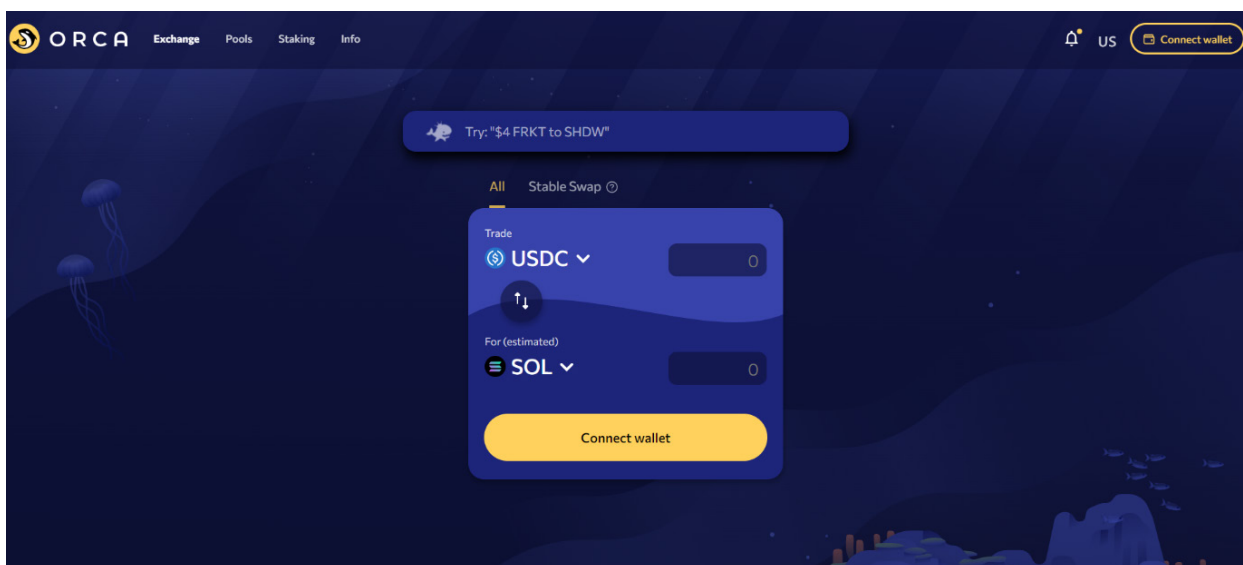


How to Trade Crypto on a DEX

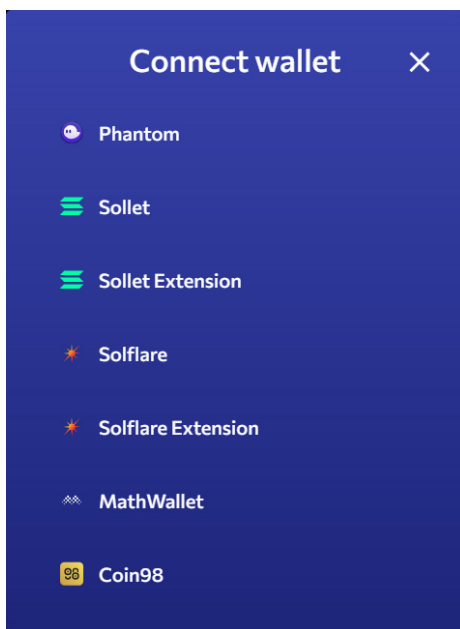
Now that we've set up and funded our wallet, we're ready to buy some crypto.

To get started, go to the DEX you want to use. In our case, we're using the [Orca](#) exchange.

Go there and you will see this homepage.

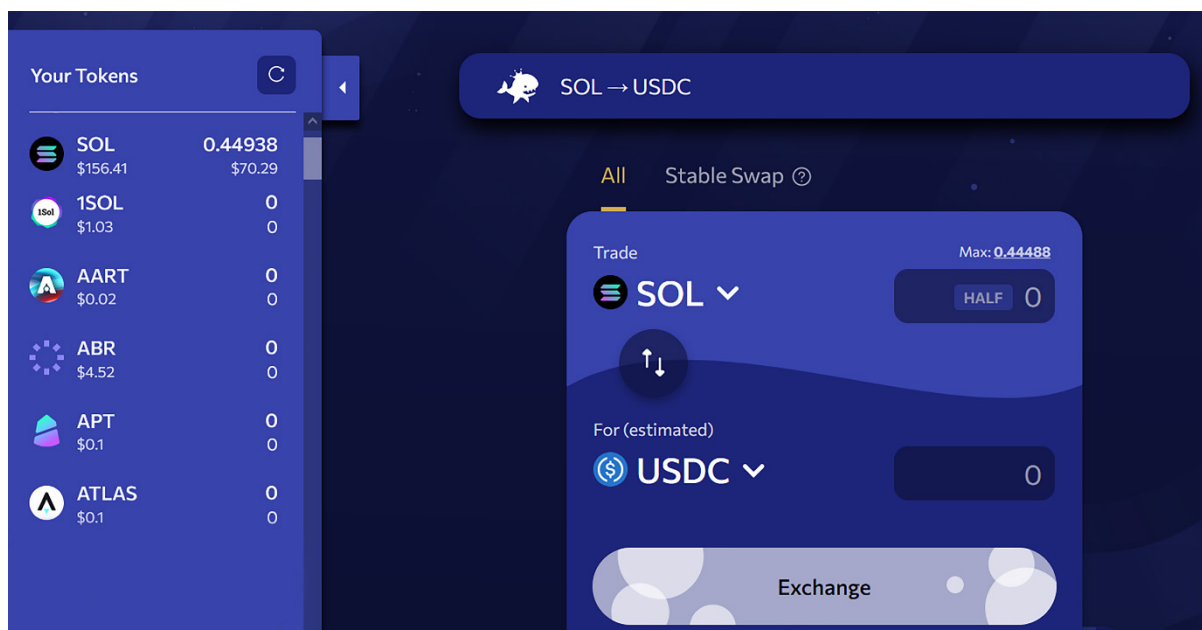


Click on the “Connect Wallet” button to connect your third-party wallet to the exchange and you will see this image. We’re using a Phantom wallet, so click on the first option. When you click on the Phantom option, your Phantom wallet will pop up and ask you to input your password if you’re not already logged in. If it’s your first time connecting, you will need to approve the connection in your wallet. Click the “Connect” button in your wallet when the prompt appears. (**Note:** You must visit the site using the same browser in which you set up your Phantom wallet.)



When you have successfully connected your wallet, you will see a list of the assets in your wallet in a tab on the left-hand side of the screen.

Here you can see that I have a small amount of Solana in this wallet, valued at \$70.29 when the screenshot was taken, which I’m going to use for this example.



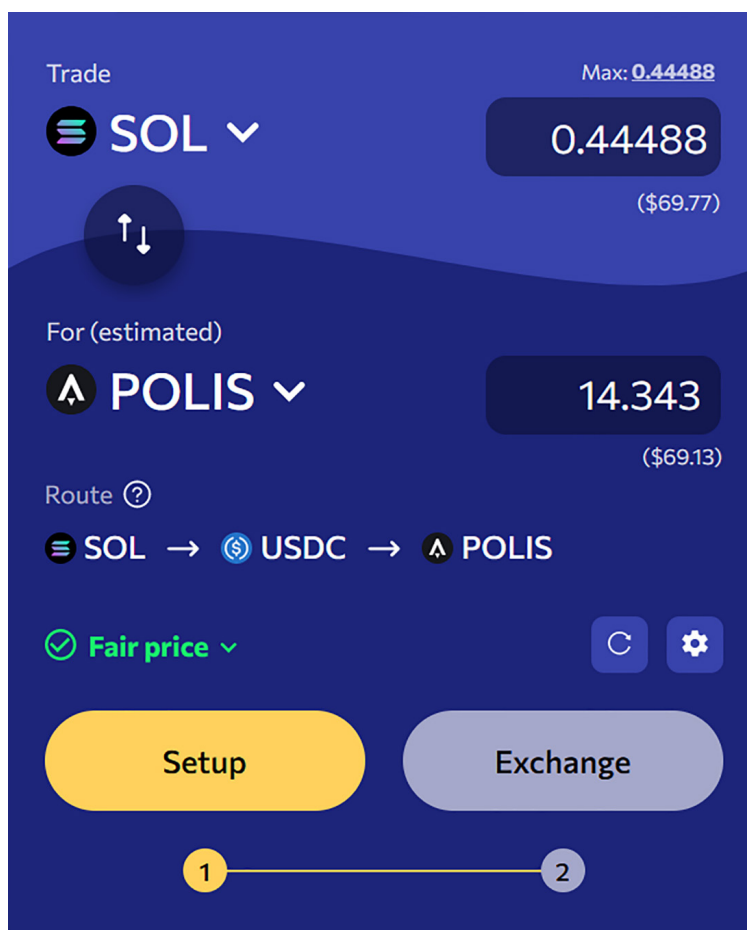
To specify the coin pair you want to trade, select them in the drop-down menus in the center of the screen. Alternatively, you can type them, as I have done in the next image, into the text box at the top of the screen.

Always make sure that you have selected the correct coins. For instance, there are two coins in the cryptoeconomy called POLIS. The one recommended in the *Frontier Fortunes Portfolio*, Star Atlas DAO (POLIS), has the symbol as seen below—the black circle with the stylized “A.”

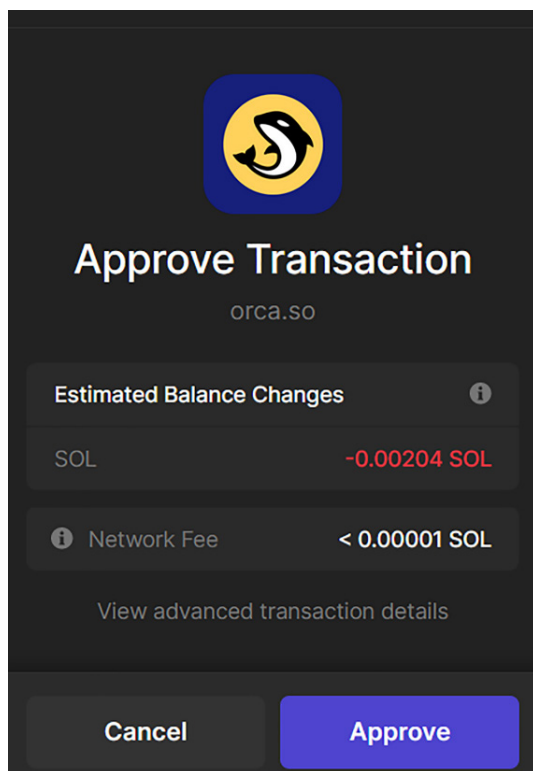


Once you have selected the correct coins, you are ready to trade. You can enter the amount of SOL you want to sell or the amount of POLIS you want to buy. I have simply clicked “Max” here, indicating that I want to trade all my SOL for POLIS. You will notice that the maximum amount is less than the total SOL in my wallet. This is because some SOL is excluded to ensure enough SOL is set aside to cover the transaction fees.

Since this is the first time that I have traded this pair in this wallet, I will first need to click on the “Setup” button. This is to prepare my wallet to receive POLIS tokens for the first time. This step is not always necessary if your wallet is already set up for the trade you want to make.

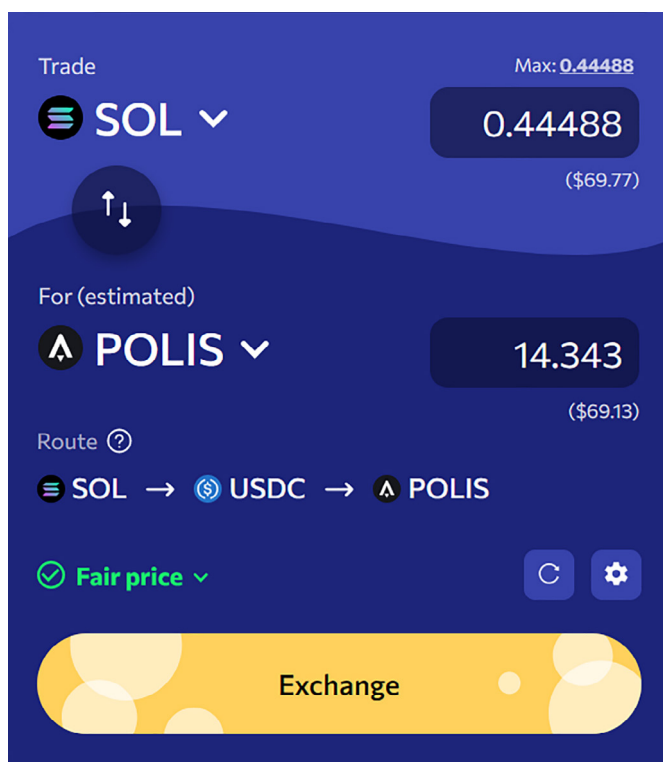


When you click “Setup,” you will see a prompt as below asking you to approve this setup process in your Phantom wallet. Click “Approve” to continue.



Once the setup process is completed, the “Exchange” button will be illuminated. You are now ready to make the trade. This trading screen also shows you the trade route. You can see that our SOL will first be converted into USDC, and then into POLIS. Not all cryptocurrencies can be converted directly. This is merely showing you the process for informational purposes.

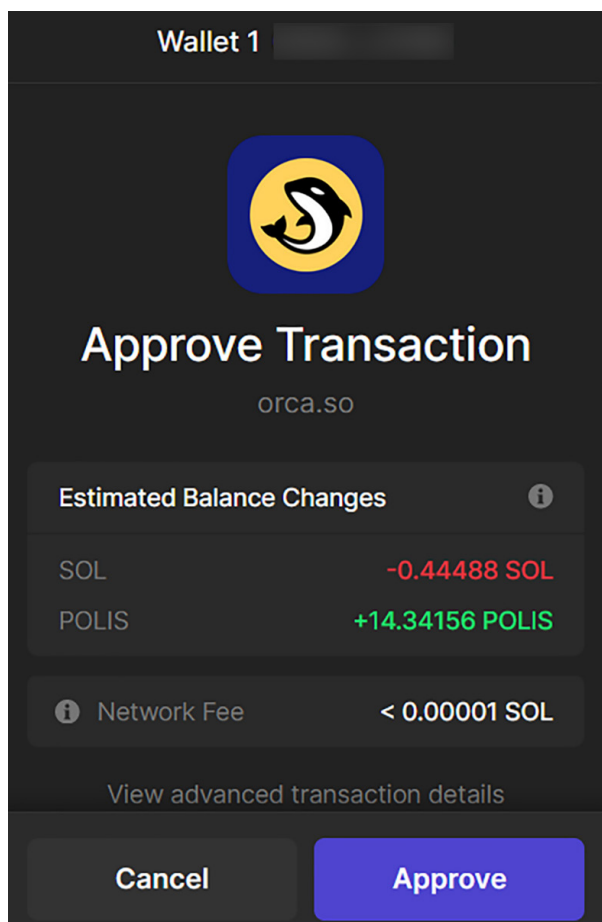
To complete the trade, hit “Exchange.”



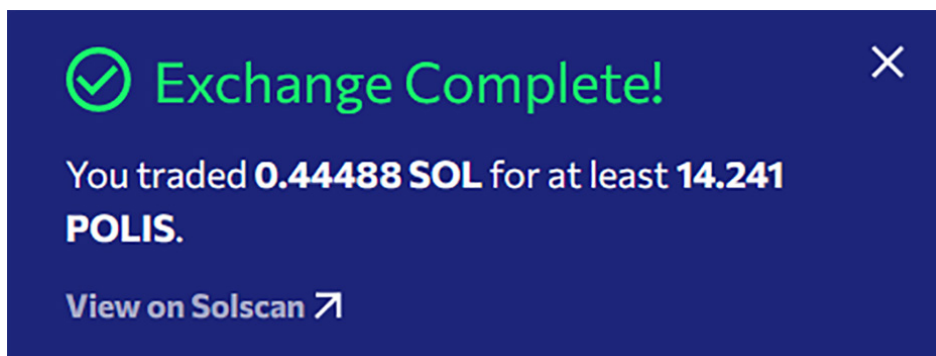
You will also see “Fair Price” in green. This is an indication that the price quoted closely matches prices that are available globally for that currency pair. For some transactions, a red “Warning” pops up to let you know that the exchange rate is not fair at present. When that happens, wait! Allow some time for the currency pair to recalibrate so that you get a fair rate. That can take seconds, or minutes, or longer, depending on the pair you’re trading.

Once you hit “Exchange,” your wallet will pop up and ask you to approve the transaction. At this time, you will see the transaction fee, which is usually minimal on the Solana network, but often substantially higher on the Ethereum network. You will also see a more accurate estimate of the crypto you will receive.

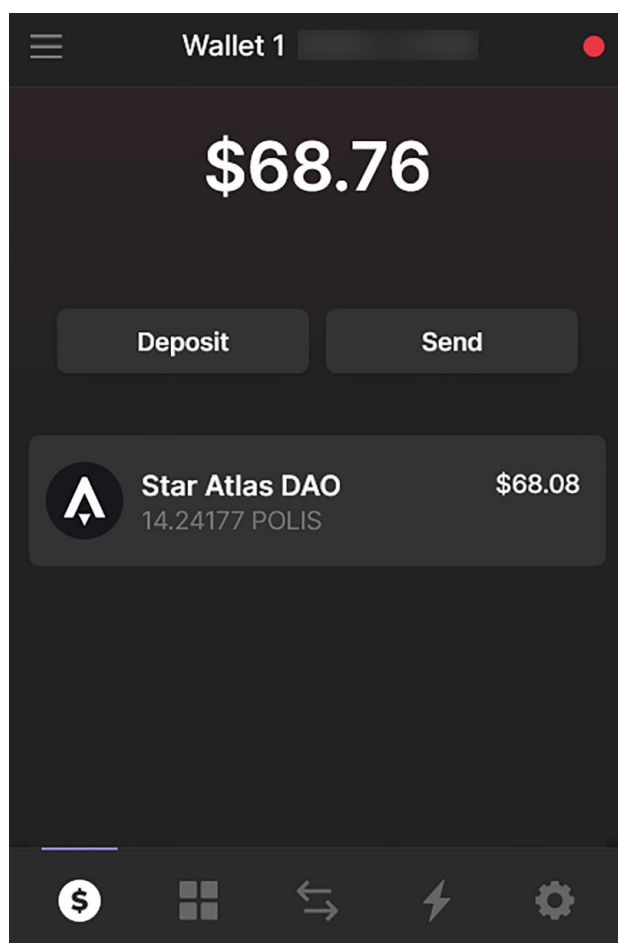
Click “Approve” to complete the transaction.



When you click “Approve,” within 30 seconds to a minute you should see a confirmation window, such as the below, appear on Orca.



With that, your newly acquired POLIS will appear in your wallet. It is safe to leave it there, in your Phantom wallet, provided that you keep your wallet password and seed phrase secure at all times.



A few final points to note: On rare occasions, transactions can fail and you may still be charged transaction fees. This is an unavoidable part of using DEXs. Luckily, on the Solana network, these fees are minimal, generally only a few cents or even fractions of a cent.

This typically happens when the network is exceedingly congested for some reason, and Phantom is unable to complete the transaction in 30 seconds. Most of the time, however, the Solana network is lightning fast and it all goes smoothly, quickly.

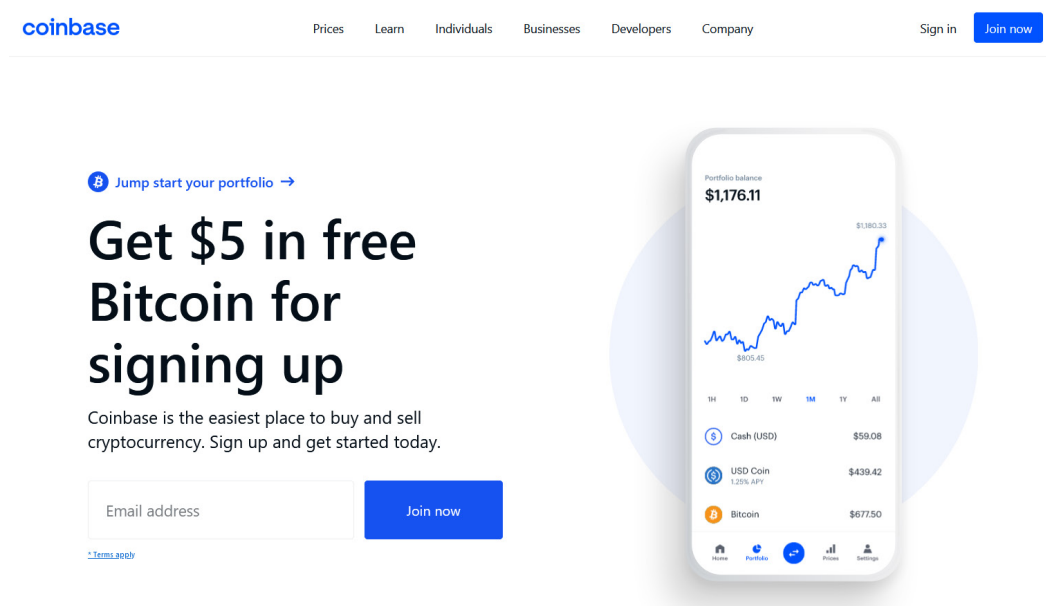
On other occasions, you may get confirmation of approval but the new crypto does not appear in your wallet. In this case, don't panic. It is likely that the transaction failed on one of the final steps and your original funds should still be in your wallet, minus the transaction fee. If this happens, you should simply repeat the exchange process.

Be aware when using DEXs that this is an unregulated, emerging space. It is not foolproof. However, I have not yet lost any significant funds due to errors or fraud while operating in this space. And it is here, at the bleeding edge of the cryptoconomy, where you will often find the best deals.

Addendum: How to Set Up an Account at Coinbase

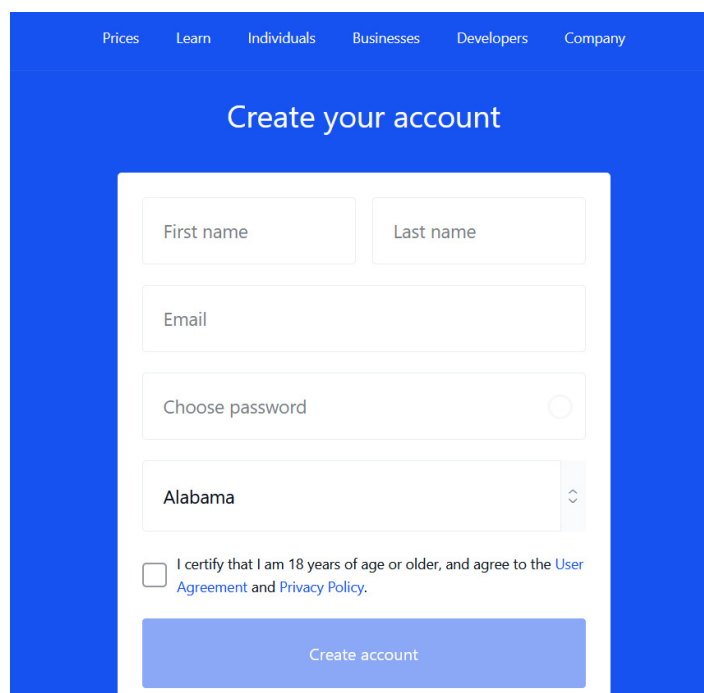
Crypto.com is not available to New York residents, so to trade the cryptos in the *Frontier Fortunes Portfolio*, you will need to set up accounts with Coinbase and Gemini. The following is a step-by-step walkthrough for using Coinbase. The process of opening an account and using Gemini is very similar.

The first step: Head to Coinbase.com and this is what you should see...



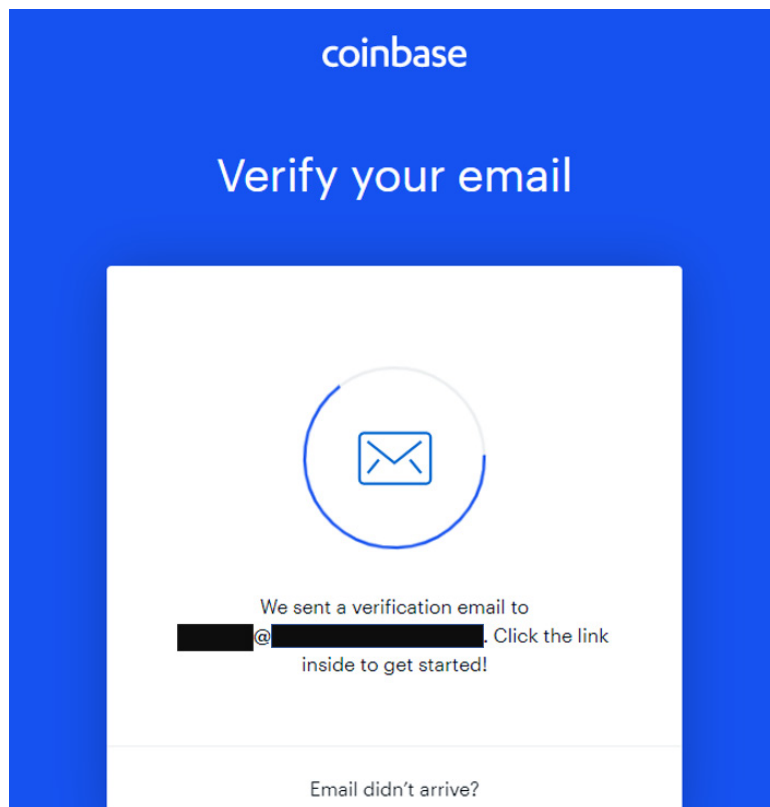
Insert your email address and click “Join Now.”

That will take you to this page...



Fill in your information, choose a password, tick the box, and then click “Create account.”

Coinbase will then need to verify your email. So, you will see this pop up:



At this point, go to your email account and look for an email from Coinbase.

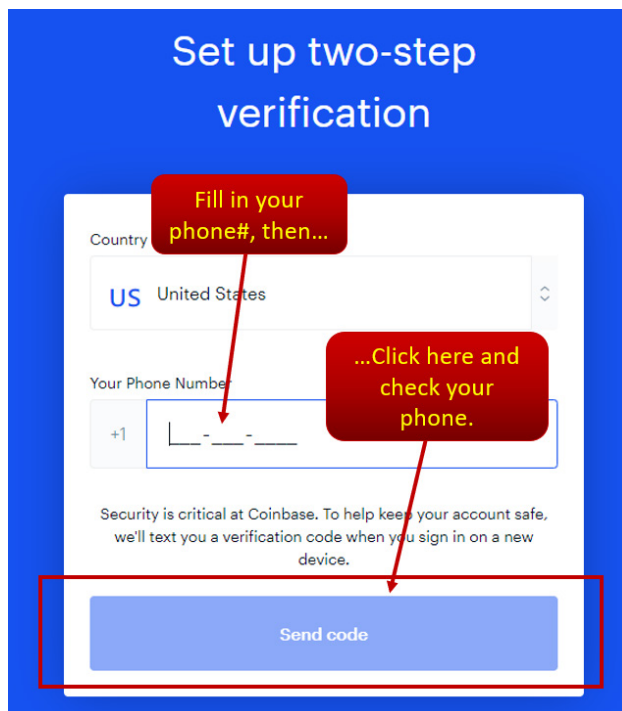
It will look something like this...



Click on the “Verify Email Address” in blue and a new page will open on your internet browser for you to continue the registration process.

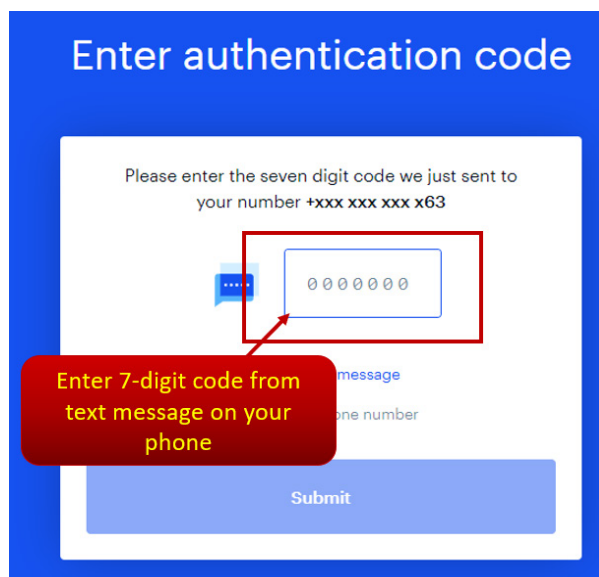
That begins with setting up your two-step verification process. (This is an important security measure—though ultimately we are going to change this after the account is open.) Two-step verification helps ensure safety. Every time you make a change to your account, or trade or move money, Coinbase will send you a code to verify the change or transaction.

That way, if anyone other than you tries to tamper with your account, they can't because they don't have the necessary codes that Coinbase will send to you.



Simply fill in your phone number and click on “Send code.” (By the way, if you live outside the U.S., you can change the country through the drop-down box to the right. It will automatically populate your phone number with the correct country code.)

Once you click “Send code,” this page will pop up...



Coinbase will send you a text message with a seven-digit code, so you will need your phone handy.

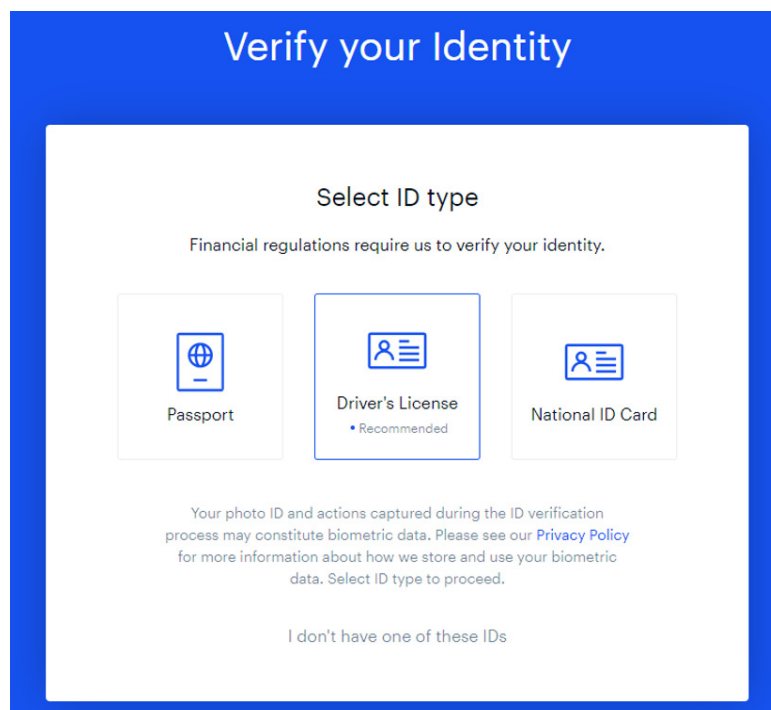
Once the text message arrives, type the code into the box and click “Submit.”

At this point, a series of boxes will pop up, asking you for basic information about yourself: Your citizenship, name, birthday, and address. Coinbase will also want to know what you will use the account for and where you are obtaining the funds you will use to buy crypto. You will also have to tell Coinbase how much crypto you expect to trade in a year and what industry you work in.

These are all basic, Know Your Customer rules, or KYC. Every financial firm, whether crypto or a traditional brokerage account, asks these same questions.

Once you get past that, you will have to verify your identity.

This page will appear...



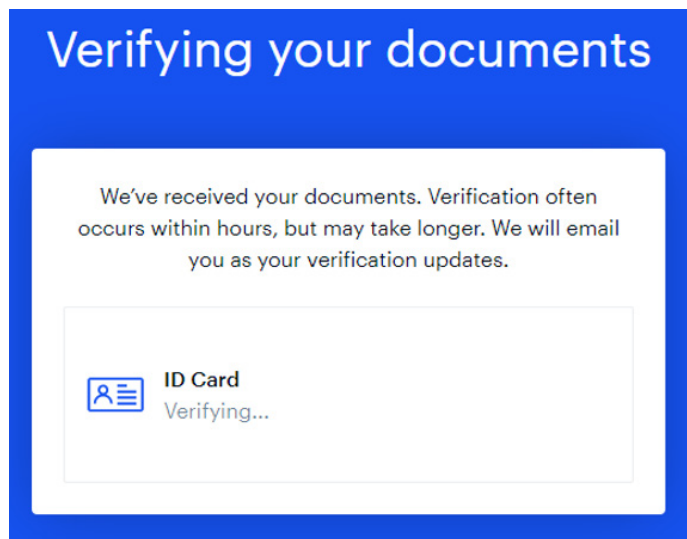
Click on the document that you wish to use to verify your identity.

That will lead you to this page, where you will upload photos of the identity document you've chosen.

If you have a printer with a scanner at home, scan your document and save it to your computer. If you only have your phone, then snap a photo of the document.

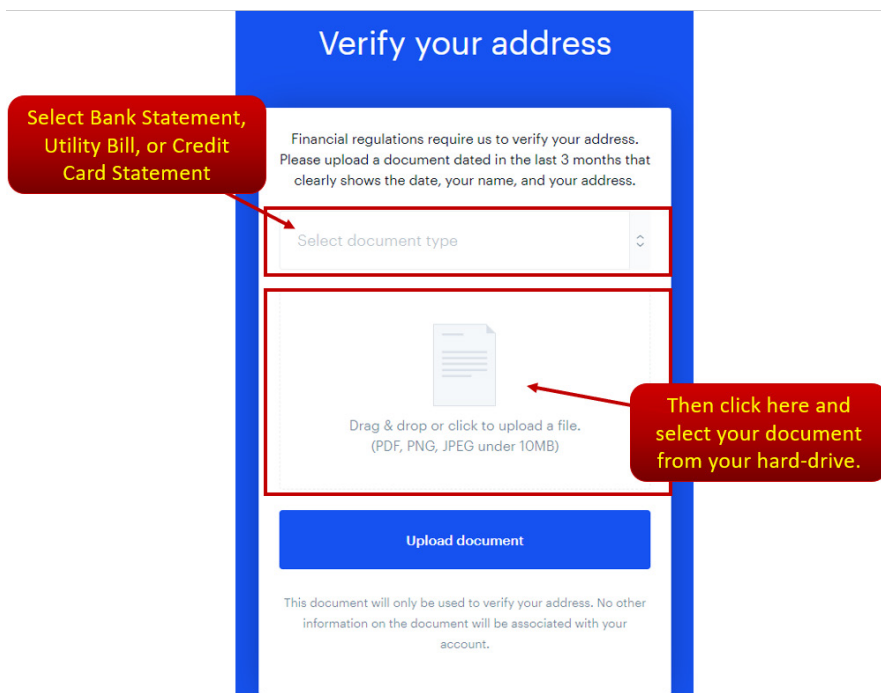
You may have to upload the front and back of the document.

Once you've attached the appropriate ID photos, click "Upload" and this page will appear...



At this stage, Coinbase will stop the account-opening process until it verifies and approves your document. That could take a few minutes, a few hours, or 24 hours. When Coinbase has verified your identity, you will receive an email alerting you to that fact.

Log back into your Coinbase account and it should automatically pick up where you left off. This is the page you will see...

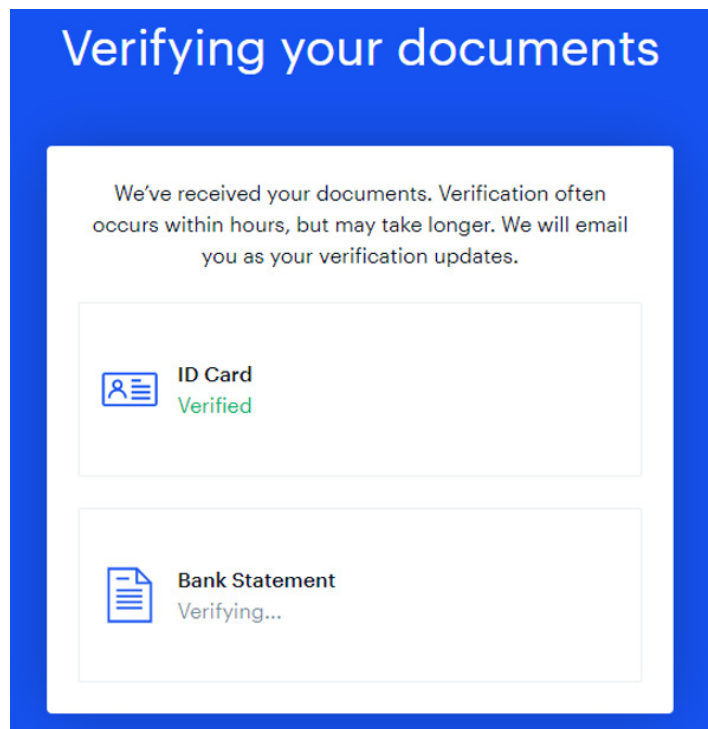


Here, you will need to verify your address. In the drop-down box at the top, you will have three options: Bank statement, utility bill, or credit card statement. As with your photo ID, you will need to attach a copy here.

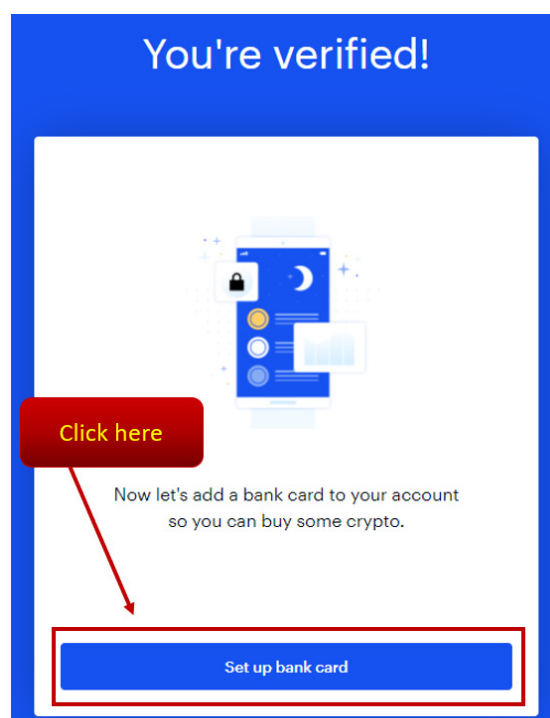
Again, you can either scan the document and save it to your computer, or take a photo with your phone. Frankly, it's a bit easier to scan your document, if you have that capability. There's less chance that something gets cut off, or is blurry.

Attach the document and then click on "Upload document."

That will bring you to this page, where again the process stops for a while until Coinbase verifies your document...



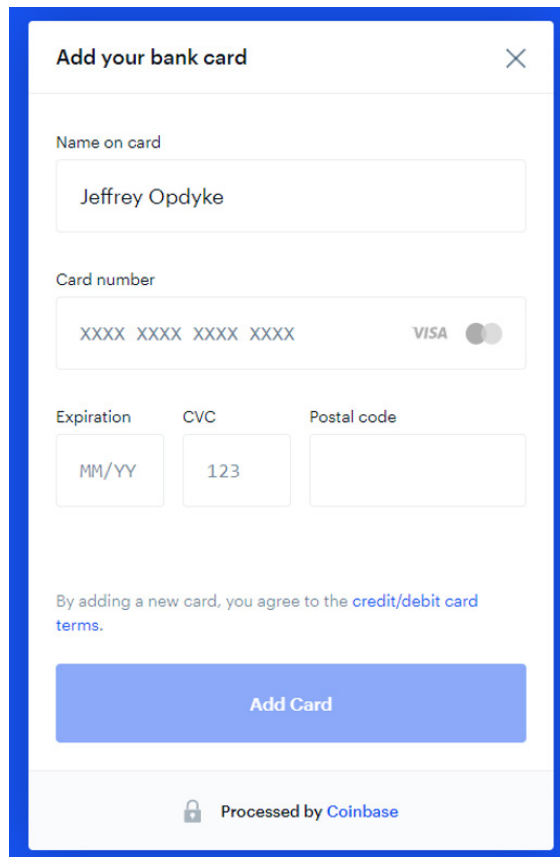
Once they're verified, you will receive another email. Log back into your account and you will see this:



Now it's time to set up your method for funding the account...

You will have a couple of options, including linking your account to a bank debit card or (if you're in the U.S.) linking your Coinbase account directly to your bank through the ACH process. That's the Automated Clearing House process that financial institutions use for moving money around.

I clicked on “Set up bank card.” That goes to this page (but note, if you use ACH, your page will look slightly different):

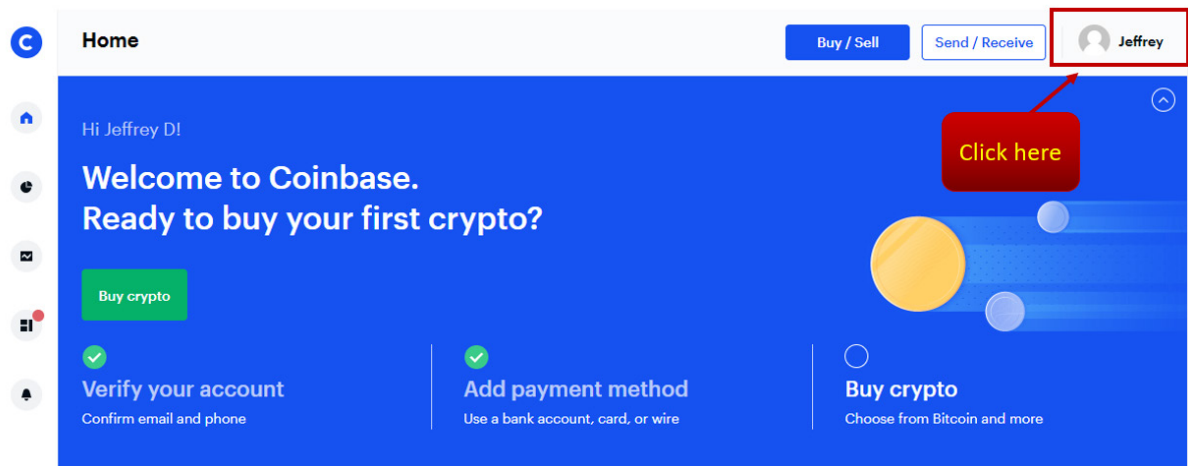


The screenshot shows a form titled "Add your bank card" with a close button (X) in the top right corner. The form contains the following fields:

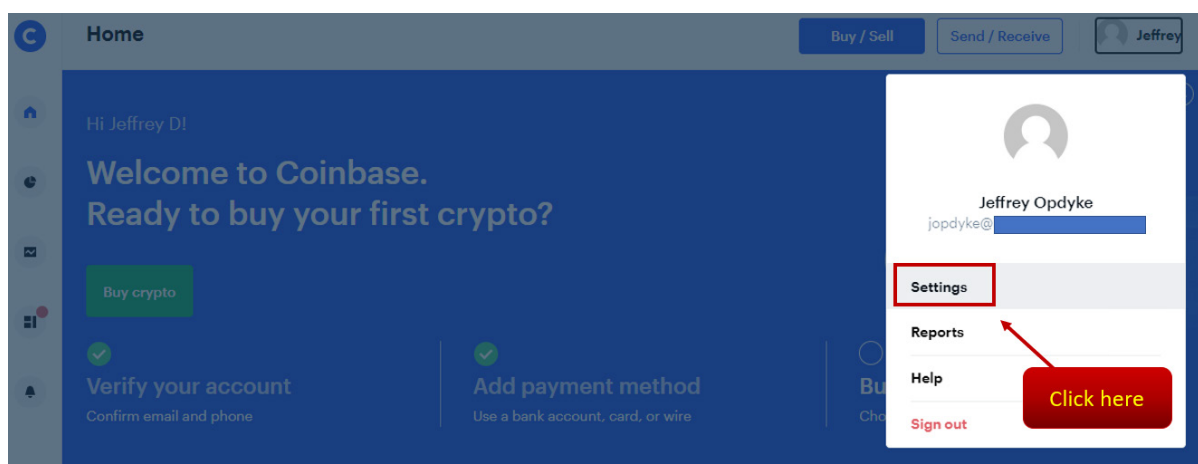
- Name on card:** Jeffrey Opdyke
- Card number:** XXXX XXXX XXXX XXXX, with a VISA logo and a toggle switch.
- Expiration:** MM/YY
- CVC:** 123
- Postal code:** (empty)

Below the fields, there is a note: "By adding a new card, you agree to the [credit/debit card terms](#)." At the bottom of the form is a large blue button labeled "Add Card". At the very bottom, there is a lock icon and the text "Processed by Coinbase".

Once you’ve filled in all the information, click “Add Card” and you’re done. Your Coinbase account is ready to go. You will see this page appear...



Earlier I mentioned that we're going to change the two-step security process. To do so, click on your name in the top right corner, and then click on "Settings." That looks like this...



On the Settings pages, we want to set up a stronger version of two-step verification. To do so, we're going to connect your Coinbase account to an authenticator app.

If you're unfamiliar with authenticators, they're smartphone apps that create an everchanging stream of random, six-digit numbers that you can link to various accounts.

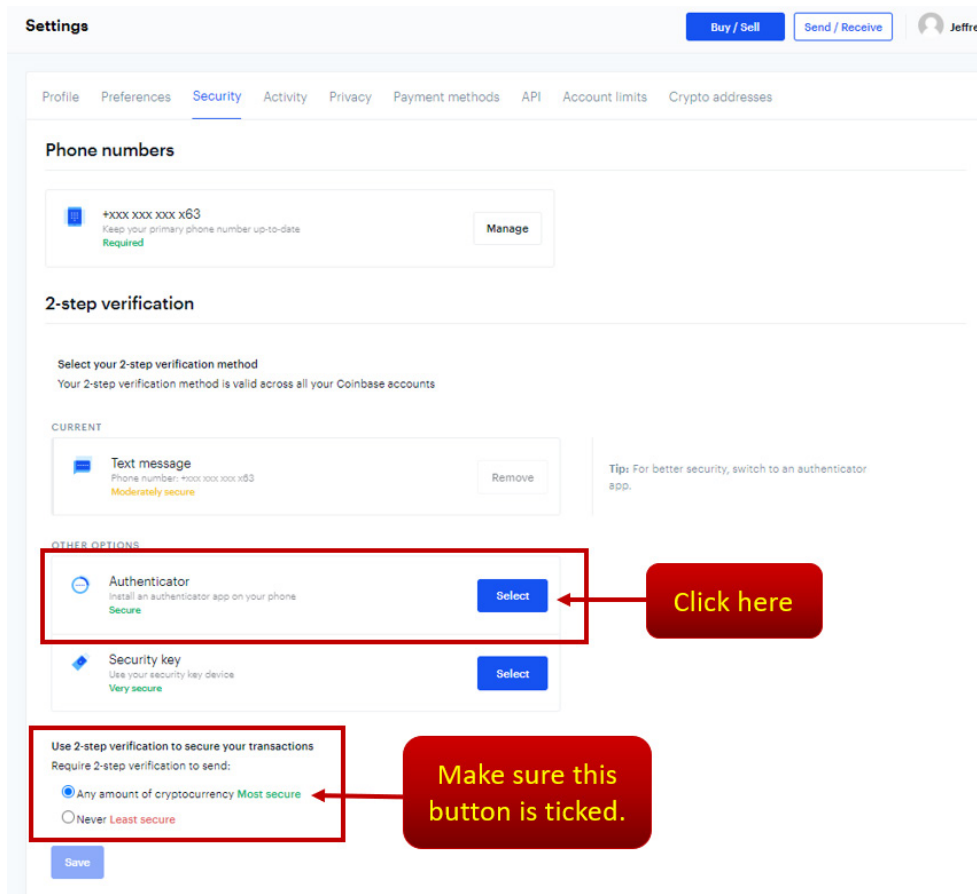
They're much more secure than a text message because phone numbers can be illegally reassigned. As such, someone could effectively steal your phone number without you realizing it, have your text code sent to the new phone, tap into your account, and drain it.

With an authenticator app, they would need to physically have your phone in their hands to access the app and the code.

To set up this authenticator verification, have your phone handy and make sure you have an authenticator app installed. I use Google Authenticator. You can find it on the iPhone App or Google Play stores.

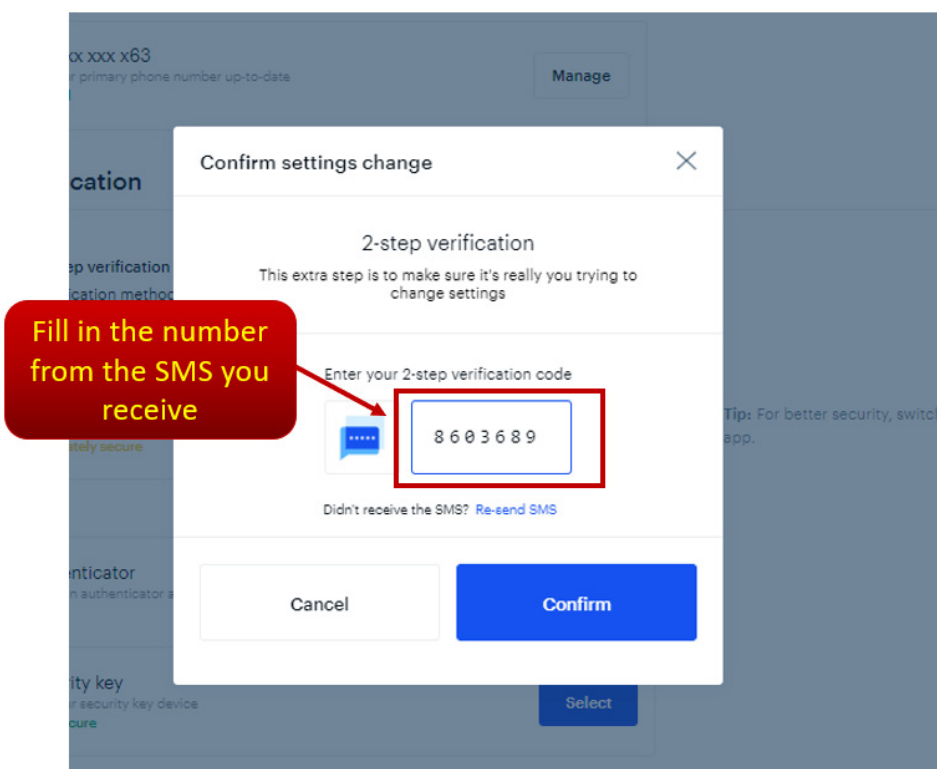
Before you click on "Select," make sure that the radio button next to "Any amount of cryptocurrency" is ticked. This way, every transaction in your account will require two-step verification.

Now, click on “Select” to the right of Authenticator.



Doing so will take you to this page.

Coinbase will automatically send you a text message with a seven-digit code. Type that code into the box, then click Confirm.



Once you do that, you will see this.



At this point, you need your smartphone.

Open your authenticator app to add a new code. With Google Authenticator, you do that by clicking the rainbow-hued "+" sign in the lower right corner.

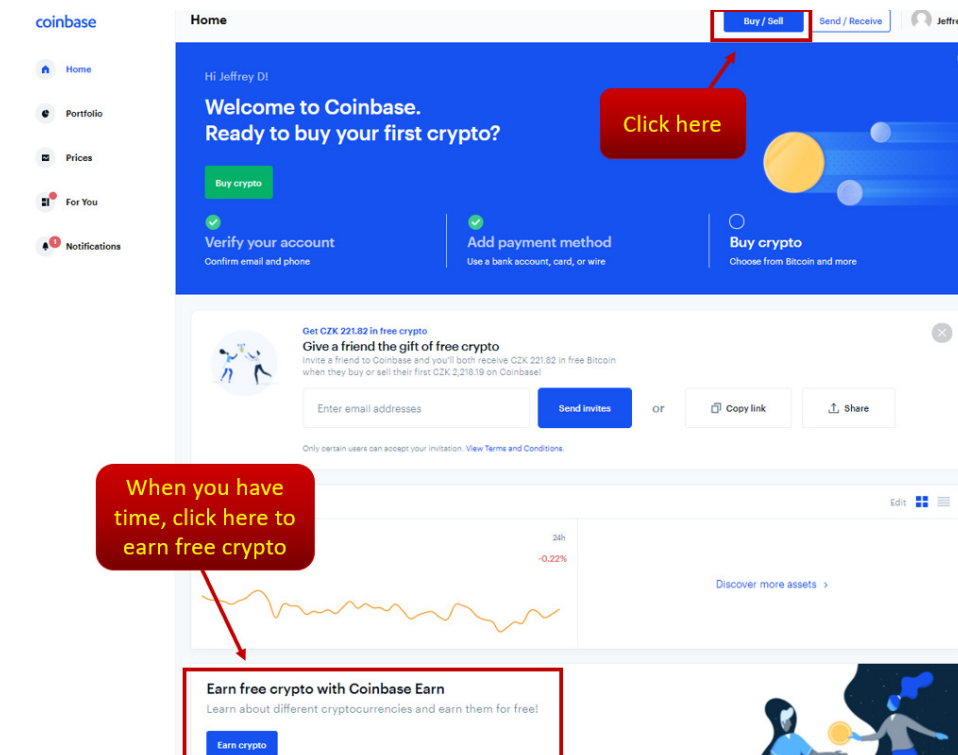
Then, select "Scan a QR code." Your phone will open a camera screen with a green box in the middle.

Point your phone at the QR code on your computer (the box of black-and-white squares). The authenticator app will instantly connect and will display the name of the service it is now connected to, and it will display a string of numbers.

Insert those numbers into the lower box and click "Enable." Be fairly quick about this. Because of that QR code, Coinbase knows the numbers that will always pop up on your phone, and those numbers change every few seconds. If you delay, the code will change and Coinbase will know this and reject the link. If that happens, just insert the new code that pops up and click "Enable."

Now, you're ready to make your first trade!

Your homepage should look something like this...

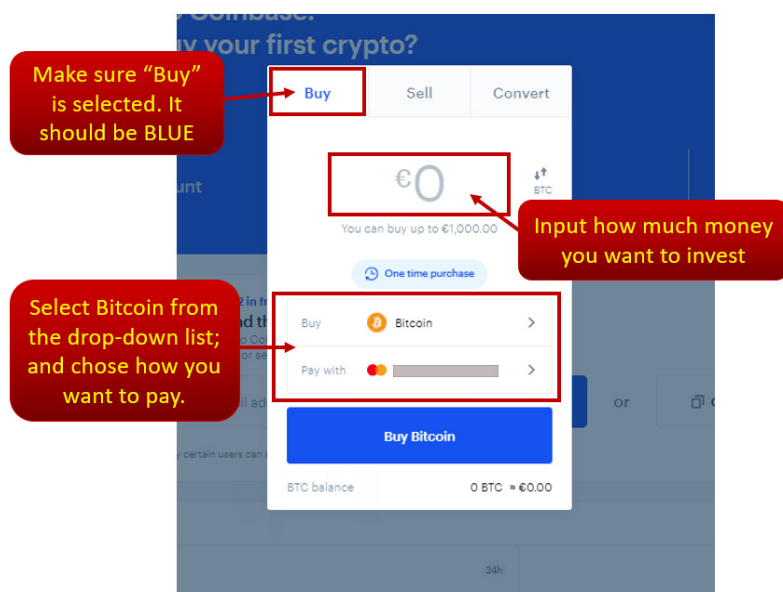


Top right, click on “Buy/Sell.”

Note: When you have time, click on the “Earn free crypto” link at the bottom of the page. Coinbase runs an educational program that teaches you about different cryptocurrencies, what they do, how they work, etc. Each is a series of one- to two-minute lessons. After each lesson, you are asked a single question about that lesson; get it right and you earn \$1 to \$2 worth of that coin. It’s a nice feature for learning about all the different types of crypto projects.

In this example, we’re going to buy some bitcoin, but the process is the same for all cryptocurrencies.

Click on the Buy/Sell link and you will end up on this page...



Click on the “Buy” tab (it should be blue).

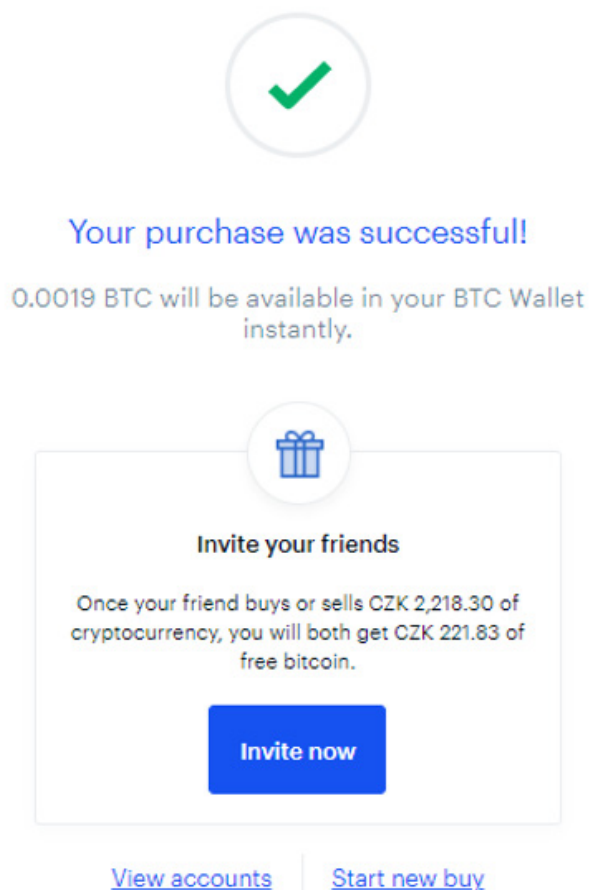
Then, fill in the dollar amount you wish to invest (mine shows up as euros since I live in Europe). You have an option here: You can choose to invest a specific amount of dollars, or if you click the little, gray “BTC” to the right, just below the arrows, the purchase function changes to “amount of BTC” you want to buy.

This way, if you want to buy a specific amount of bitcoin—one-hundredth, one-tenth, or more—you don’t have to guess at the dollar amount.

I left mine on currency for this trade. I’ll buy €100 worth of bitcoin.

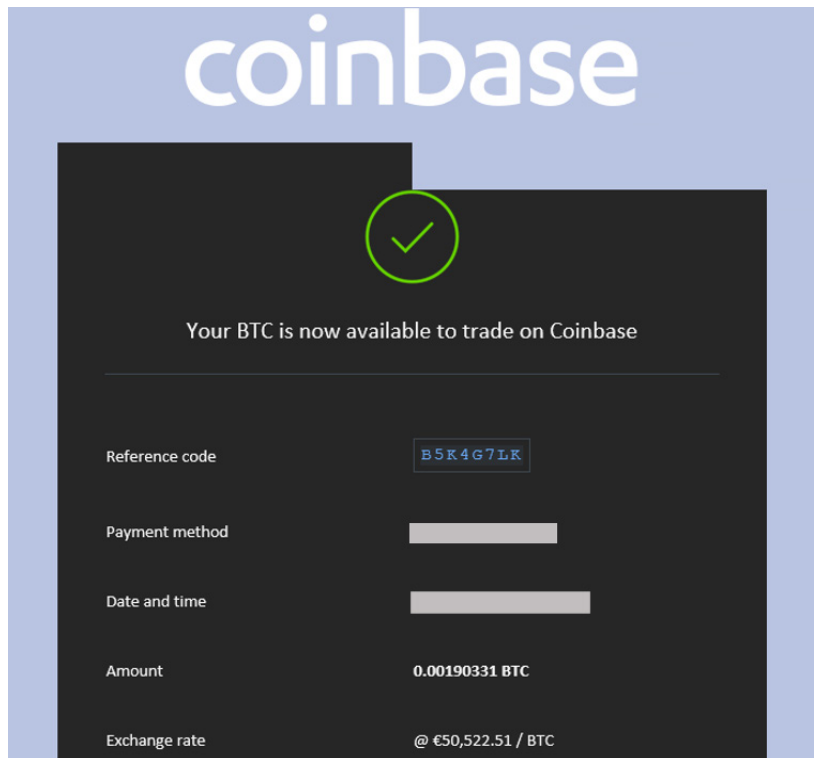
Fill in the amount, make sure the drop-down box has “Bitcoin” selected, and choose how you will pay for the purchase.

With those all filled in correctly, click on “Buy Bitcoin,” and after a moment this pops up...



Congratulations! You now own this crypto.

You will also receive a confirmation email from Coinbase.



It will show you exactly how much bitcoin you bought, and at what price. You can then check your portfolio by clicking on “Portfolio” on your homepage.

