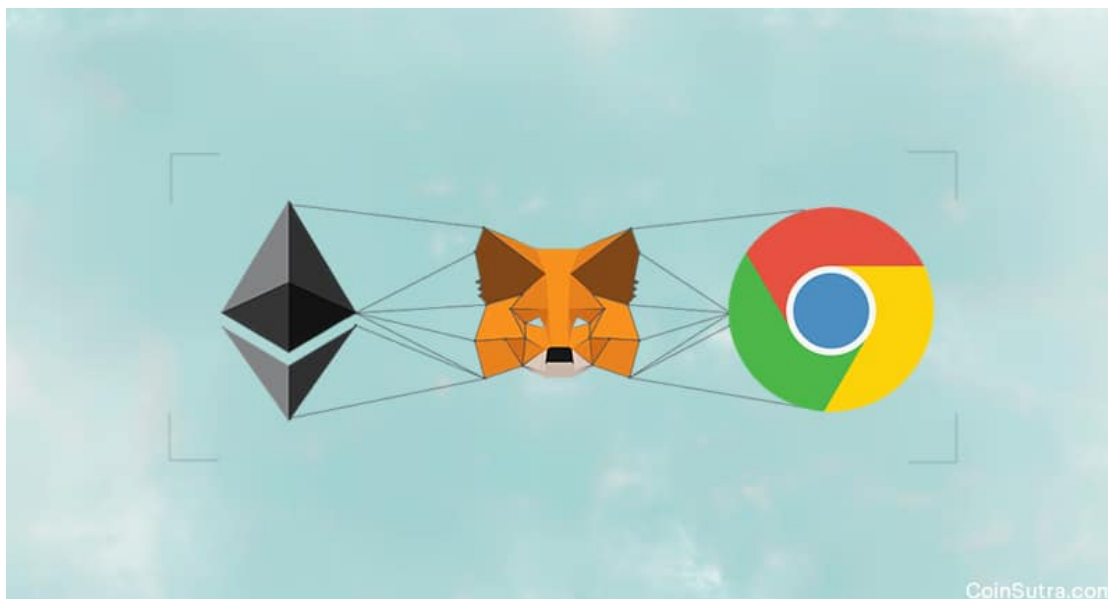


# How To Use MetaMask Wallet



Whether it is an Ethereum wallet or a [Bitcoin](#) wallet, we go that extra mile to find out the exact details so that we can share all the information with you.

We have repeatedly stressed that a good wallet is something which fits the following criteria:

- **Private keys:** Wallets where you control your private keys.
- **Ease of use:** Elegant UI for ease of use.
- **Development community:** Active development community.
- **Backup & security:** Backup and restore features.
- **Compatibility:** Compatible with different operating systems.

## MetaMask Wallet

- ***What Is MetaMask Wallet?***
- ***MetaMask Team***
- ***MetaMask Features***
- ***Supported Currencies***
- ***Supported Platforms***
- ***Conclusion***

# What Is MetaMask Wallet?

MetaMask is an Ethereum wallet that lets you connect to the Ethereum blockchain.

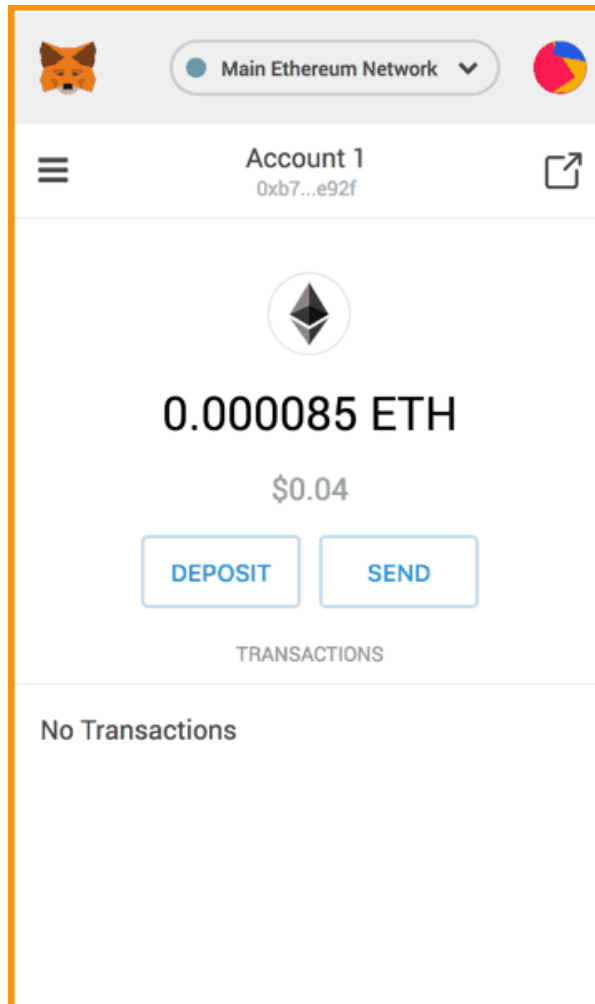
It is a web wallet which has several extensions for different browsers, which I will discuss further in the article.

Of course, being an [Ethereum wallet](#) means you can use it for managing, transferring, receiving your Ethers but also can use this wallet to interact with thousands of [ERC20 tokens](#) that thrive on the Ethereum blockchain.

MetaMask also allows you to access the world of the decentralized web by letting you use several [Ethereum DApps](#) through it.

## MetaMask Features

- ***Intuitive UI***



There is a dedicated user experience engineer in the MetaMask team which is why its UI is quite sleek and intuitive to use. MetaMask was one of the first Ethereum wallets I used for storing my ERC20 tokens, and I found it very easy to use.

- ***Multilingual***

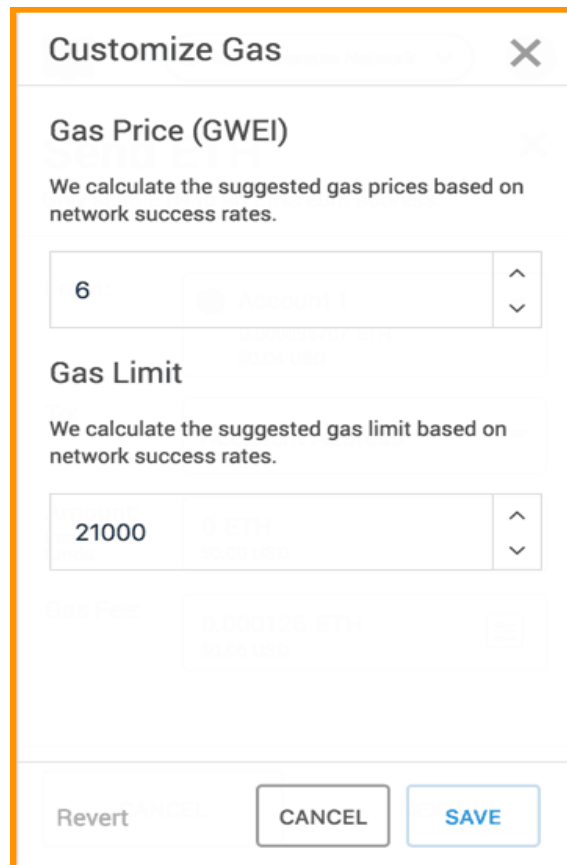
Nowadays, if you are building something for Ethereum, it has to be multilingual given Ethereum is a decentralized project. That's why MetaMask is present in 18 different international/national languages which makes it accessible to many users.

- ***HD Wallet***

MetaMask is an HD wallet, so you don't need to worry about backing up each public/private key pair. Instead, rely on the single seed that it produces during the set-up. But remember, losing this seed would be akin to losing all the stored crypto funds. Also, one can encrypt its seed by setting-up a secure

password. Doing so will ensure your private keys never go online and will always remain in the browser.

- **Custom Fee**



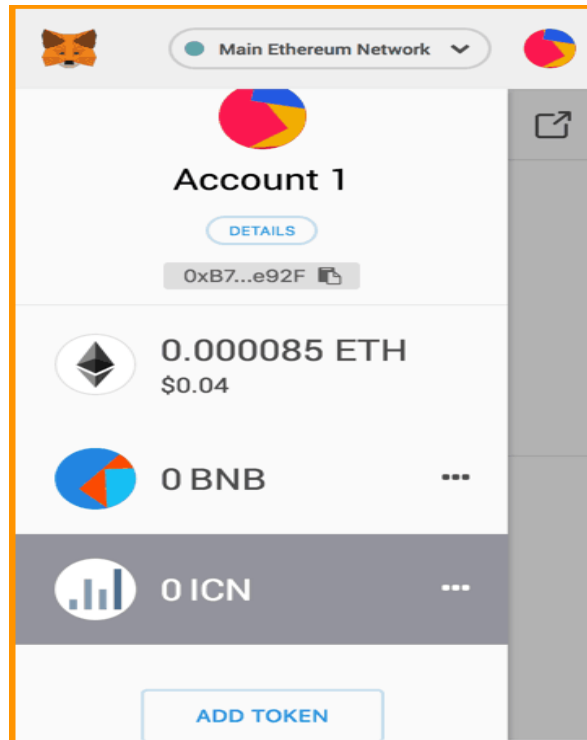
The screenshot shows a 'Customize Gas' dialog box with a close button (X) in the top right corner. It contains two main sections: 'Gas Price (GWEI)' and 'Gas Limit'. Each section has a text input field, a 'Suggested' button, and a 'Max' button. The 'Gas Price' section shows a value of '6' and a 'Suggested' button with a value of '10.5 GWEI'. The 'Gas Limit' section shows a value of '21000' and a 'Suggested' button with a value of '21000'. Below these sections, there is a 'Gas Fee' section showing a value of '0.000126 ETH' and a 'Max' button. At the bottom of the dialog, there are three buttons: 'Revert', 'CANCEL', and 'SAVE'.

Field	Value	Buttons
Gas Price (GWEI)	6	Suggested (10.5 GWEI), Max
Gas Limit	21000	Suggested (21000), Max
Gas Fee	0.000126 ETH	Max

Buttons: Revert, CANCEL, SAVE

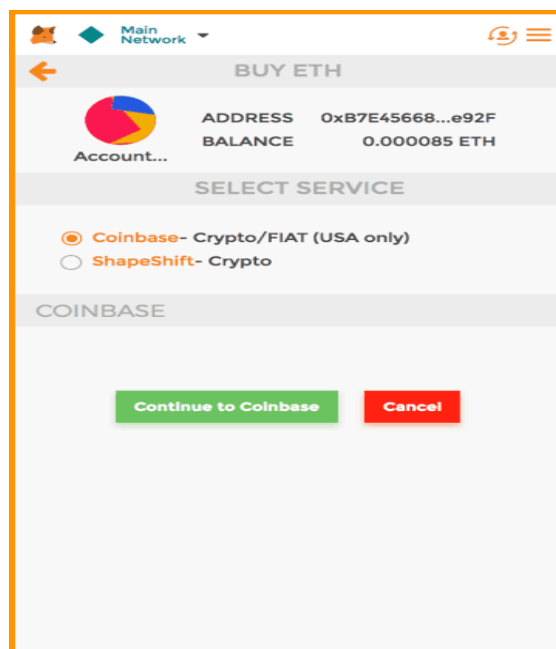
Being an Ethereum wallet is not easy. One needs to provide customization for setting gas limit and gas price. This leads to a custom fee for transactions over the Ethereum network.

- **Add ERC20 Tokens**



You can also easily add new ERC20 tokens in MetaMask wallet. You can then manage and transact your tokens through the MetaMask wallet. Here is a complete DIY guide for the same: [\*How To Add A Custom Token In MetaMask.\*](#)

### ***Built-in Exchanges***












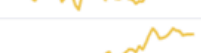


You can also buy [Ether](#) using MetaMask wallet as they have integrated [Coinbase](#) (only for USA users using fiat) and [ShapeShift](#) (Using crypto). So if you are a US customer, or if you have any other crypto, you can exchange it for ETH within the MetaMask interface.

- **Network Options**

Developers and advanced users who are developing DApps over Ethereum network can also access various testnets through the MetaMask wallet.

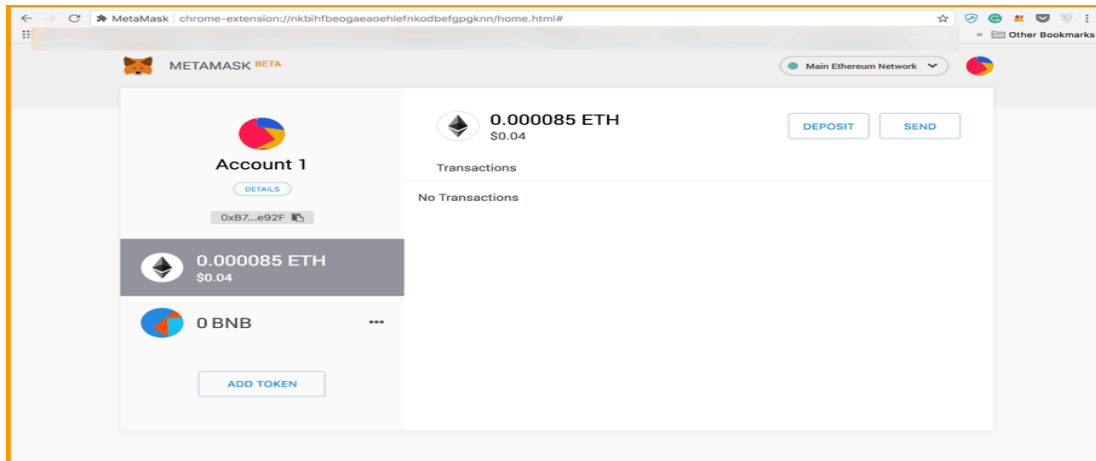
## Supported Currencies

MetaMask supports ETH and all the ERC20 tokens. To DIY read: [How To Use MetaMask Wallet For Ether & Other ERC20 Tokens](#)

#	Name	Platform	Market Cap	Price	Volume (24h)	Circulating Supply	Change (24h)	Price Graph (7d)	
1	 Tether	Omni	\$2,714,693,267	\$1.00	\$3,076,250,000	2,707,140,346	0.19%		***
2	 Binance Coin	Ethereum	\$1,500,657,932	\$13.16	\$50,826,700	114,041,290	6.63%		***
3	 VeChain	Ethereum	\$1,057,451,711	\$1.91	\$45,795,400	554,545,494	9.36%		***
4	 OmiseGO	Ethereum	\$1,033,532,853	\$7.37	\$35,658,100	140,245,398	8.02%		***
5	 Ox	Ethereum	\$604,672,629	\$1.13	\$30,128,600	534,857,659	0.27%		***
6	 Zilliqa	Ethereum	\$574,954,284	\$0.075890	\$30,722,200	7,576,143,444	10.32%		***

## Supported Platforms

MetaMask is a web wallet that has browser wallets for different browsers. You can install the MetaMask add-on in [Chrome](#), [Firefox](#), [Opera](#), and the new [Brave](#) browser. And on its full-screen version, MetaMask looks like this:



MetaMask is a self-hosted wallet to store, send and receive ETH and [ERC20](#). It allows you to control your funds as it is an [HD wallet](#) that provides a mnemonic phrase that you can keep as a backup.

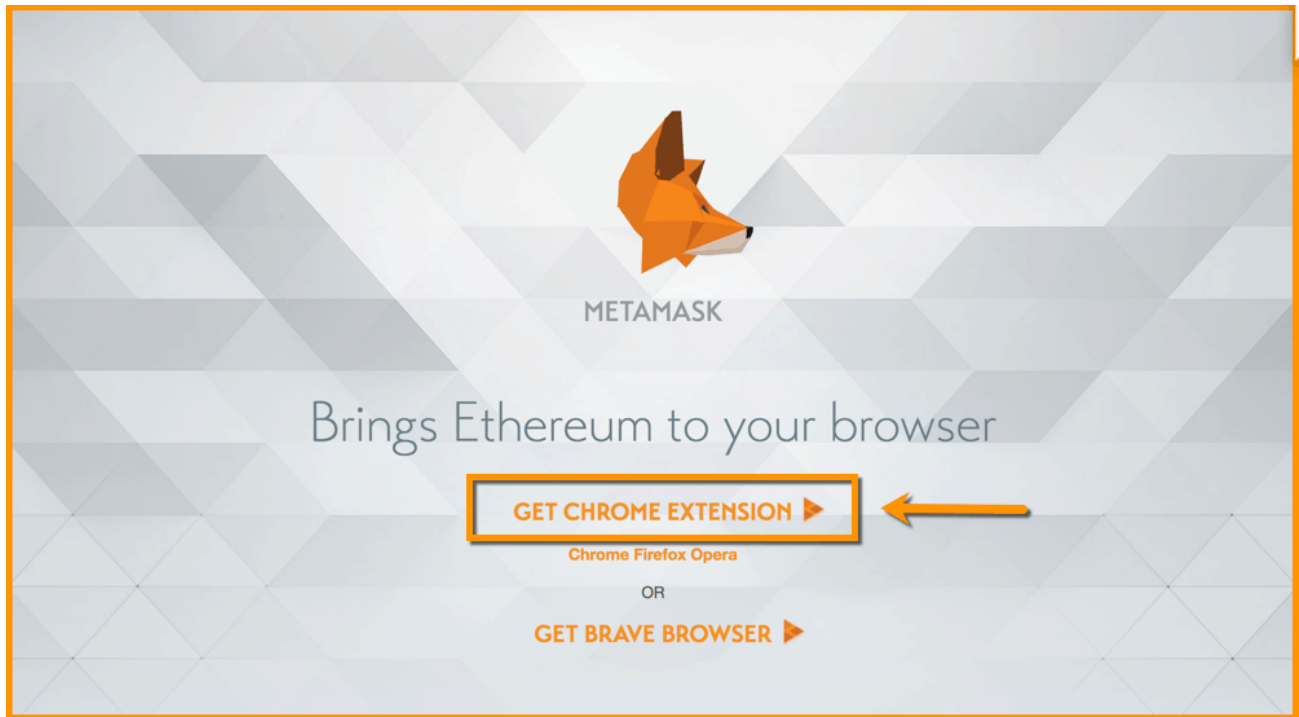
MetaMask has its Chrome extension, Firefox extension, and Brave extension, but for this tutorial, we will keep the scope limited to [Chrome extension version](#).

Let's get started with the following aims:

- ***How To Install MetaMask Wallet?***
- ***How to manage (send/receive) Ether on MetaMask wallet.***
- ***How to manage ERC20 tokens on MetaMask***

## How To Install MetaMask Wallet

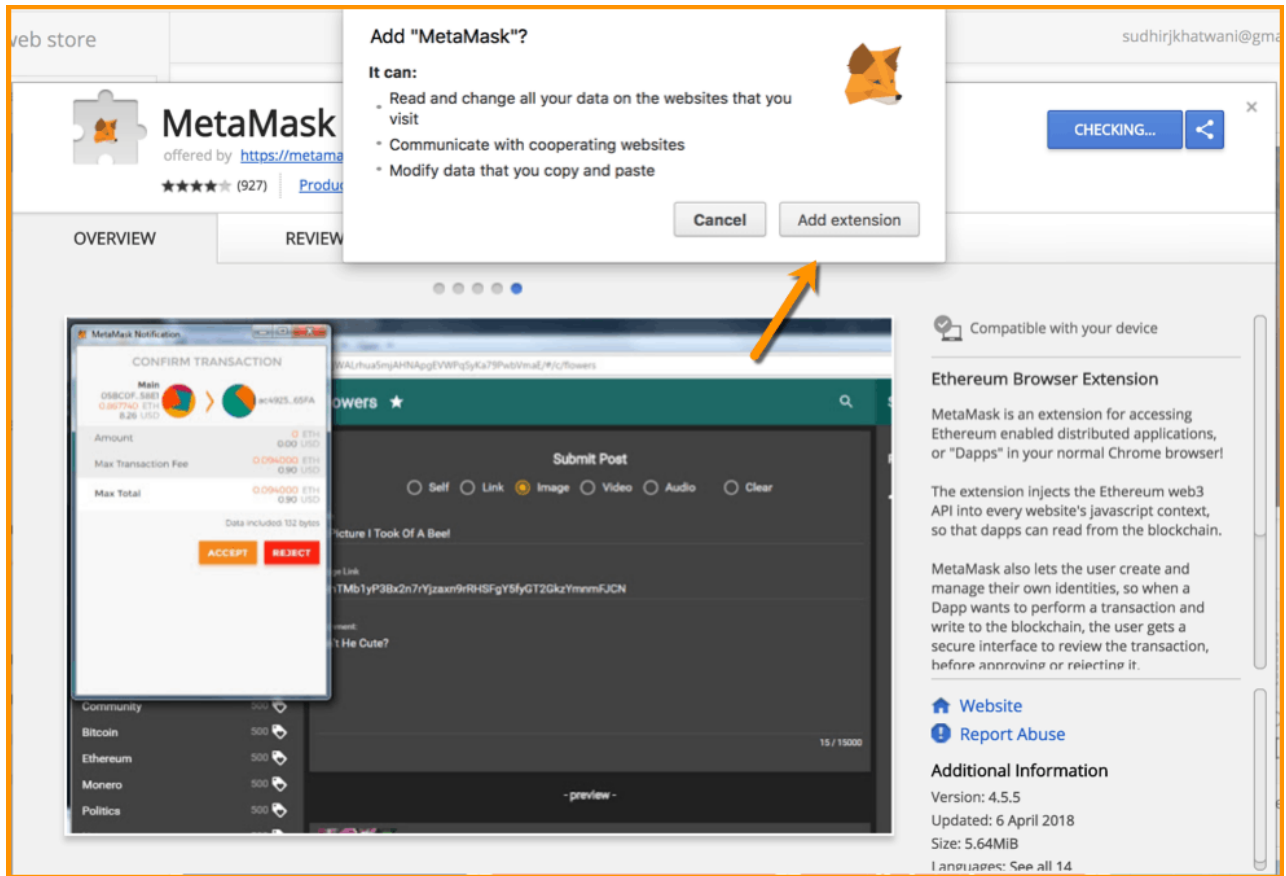
**#1.** Go to [MetaMask.io](https://metamask.io) and access the MetaMask Chrome extension as shown below.



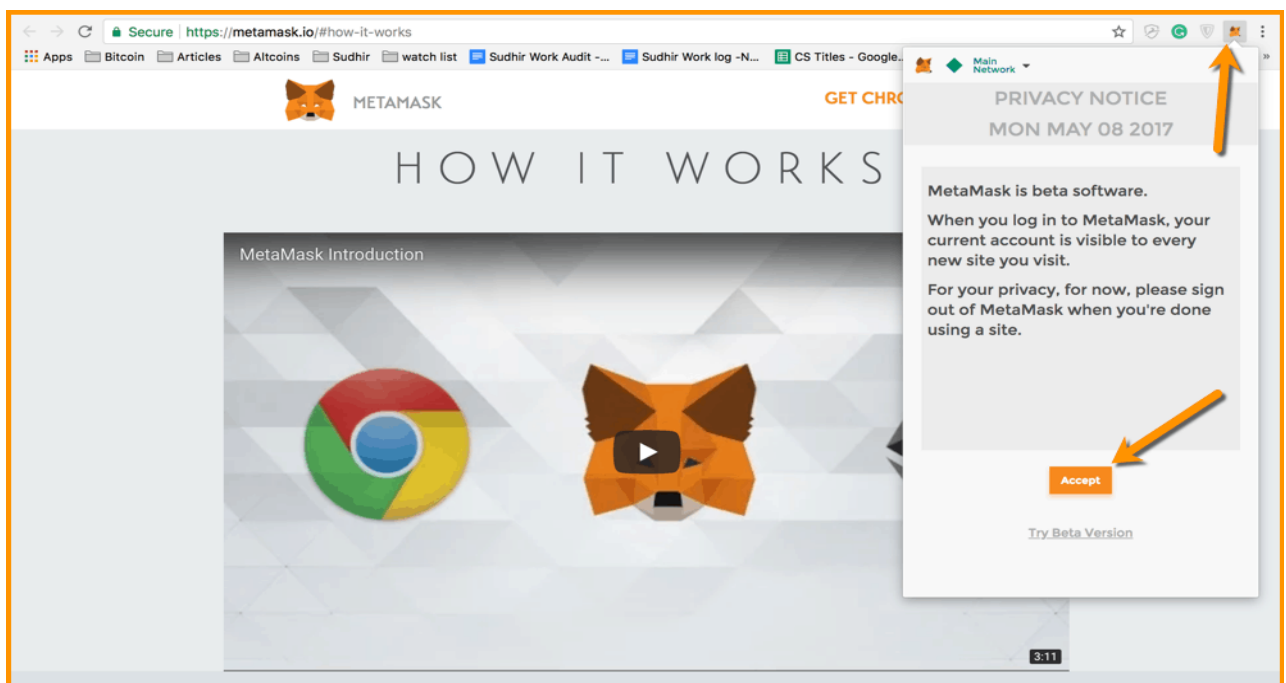
**Note:** There are many phishing scams around MetaMask, so be careful and bookmark the MetaMask wallet [official link](#) and **never** forget to check for secure https connection.

**2.** Now install the chrome extension and click on “Add extension”.

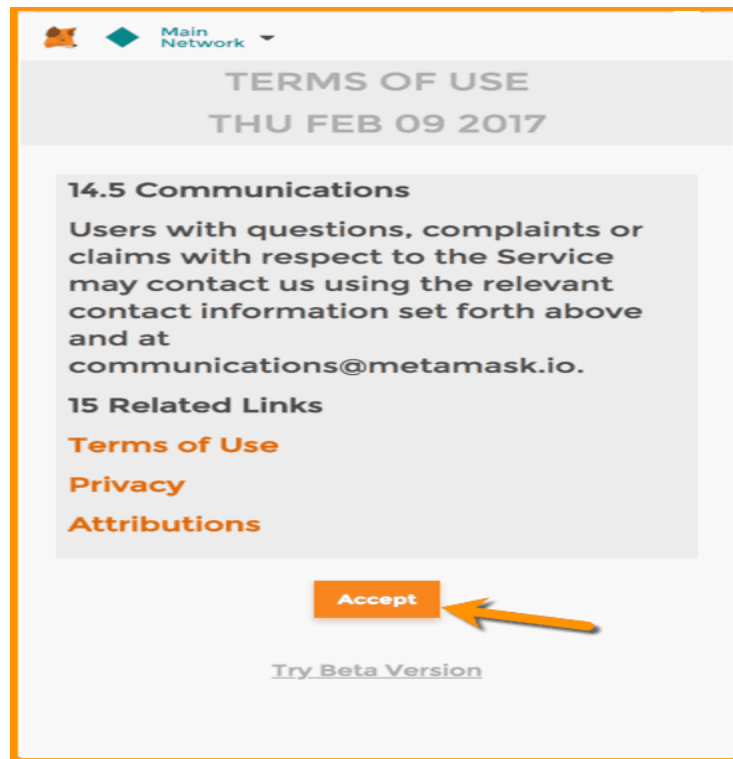




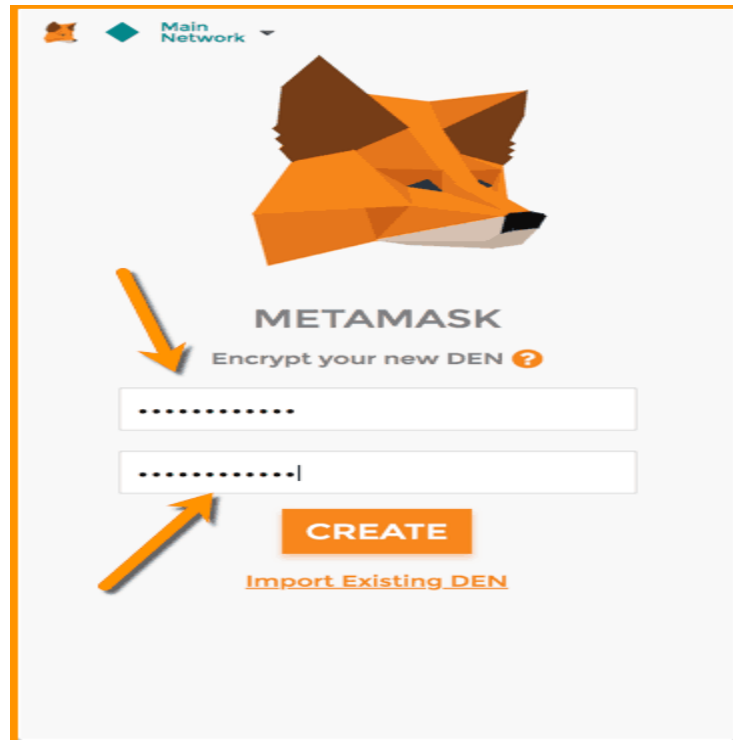
3. Now, you can see the added chrome extension that shows the “privacy notice” where you need to “Accept”.



4. After accepting the “privacy notice”, it will prompt you to accept “Terms Of Use”.



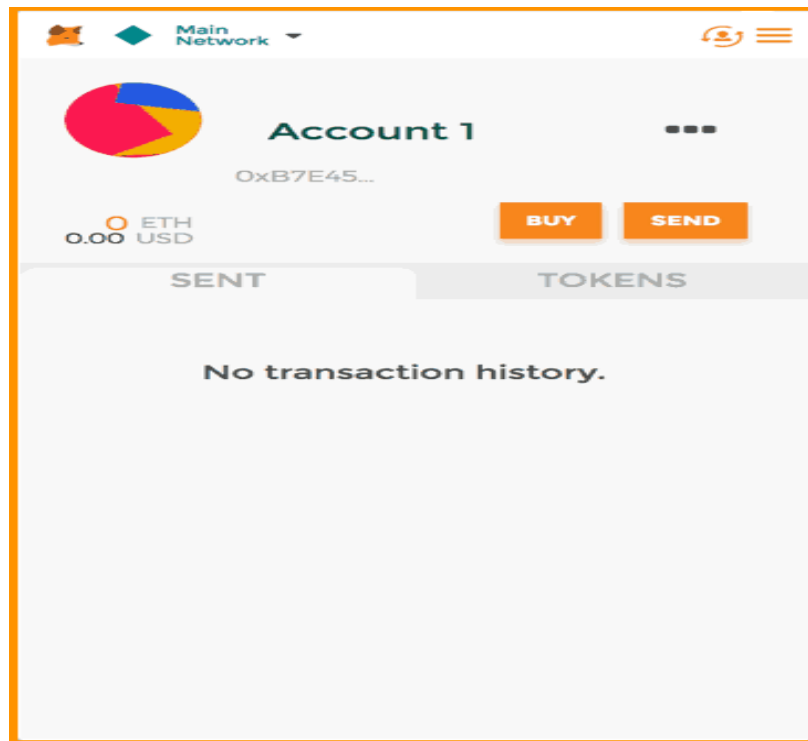
5. Now set up the password and create your wallet by clicking “Create”. Remember, this password is for encryption so create a strong one.



6. The seed words will be shown that you need to copy somewhere offline and store in a secure manner. **Note:** I have shown you these 12 words here but they are not to be shown to anyone.



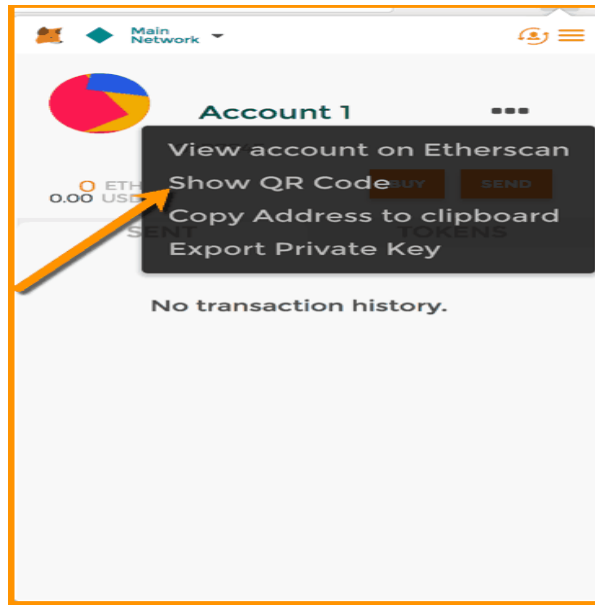
**7.** Once you have copied, click on “I’ve Copied It Somewhere Safe” and you will see this home screen of the wallet. This marks the completion of installation of MetaMask wallet.



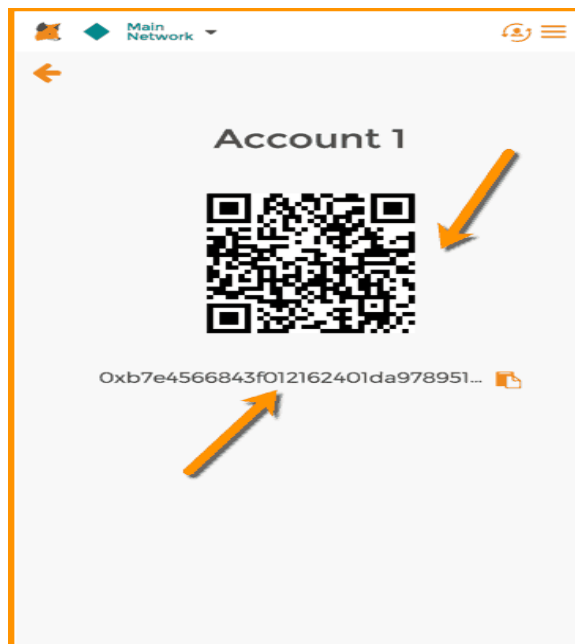
## **How to manage (Send/Receive) Ether on MetaMask wallet?**

Now that you have installed MetaMask wallet, let's see how to receive and send ETH on MetaMask.

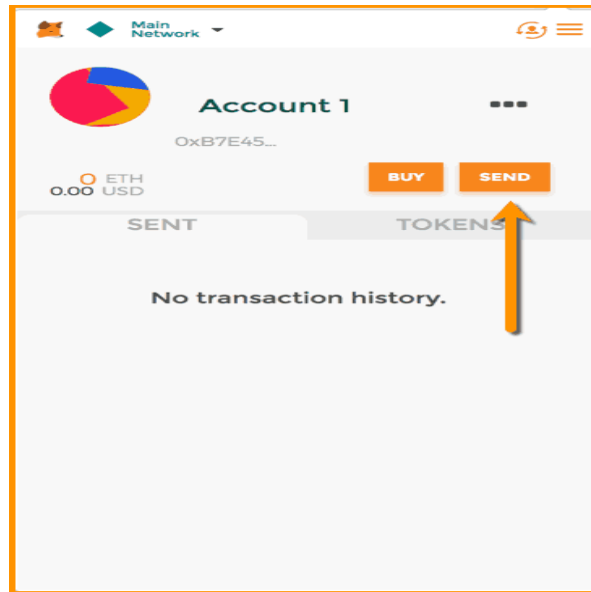
**1.** To receive ETH, click on three dots as shown in the below image and click on “Show QR Code”.



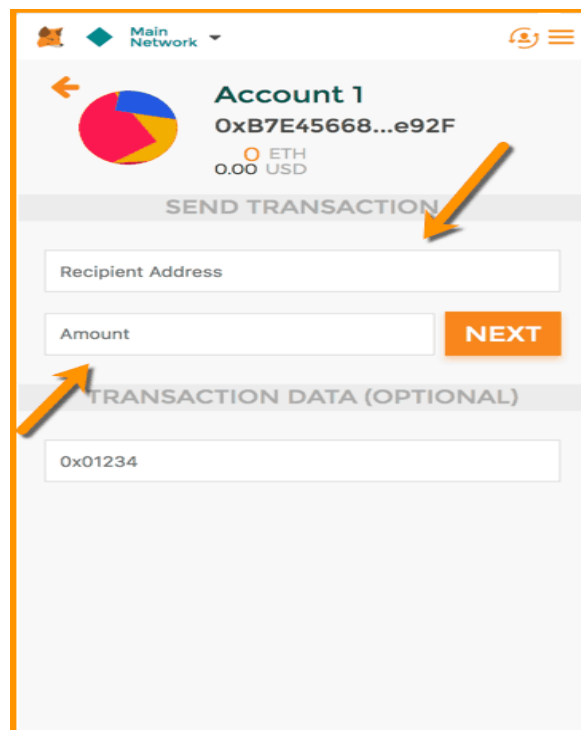
**2.** On clicking “QR code”, you will see this QR code and ETH address which you can either scan or copy to send ETH on it.



**3.** Now to send ETH out of MetaMask wallet to any other wallet, click on “Send” as shown on the home screen of the wallet.



4. You will be able to see below screen where you can add “Recipient Address” & “Amount” that you need to transfer out.



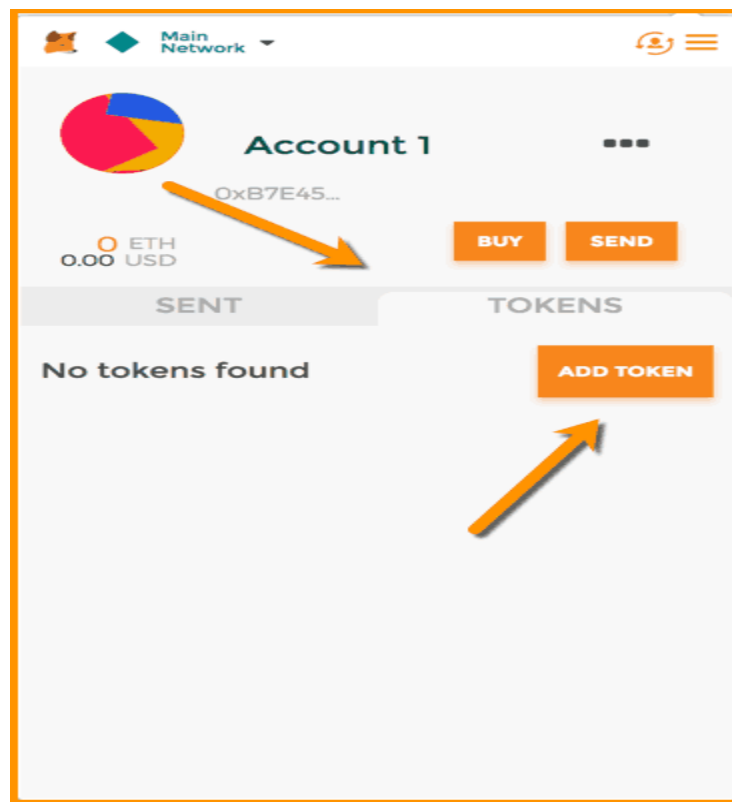
This way you can access your MetaMask and send/receive ETH and other tokens.

## How to manage ERC20 tokens on MetaMask

Managing ERC20 tokens on MetaMask wallet is as easy as Ether itself.

**Note:** [MyEtherWallet](#) support some [ERC20 tokens](#) by default but on MetaMask no ERC20 token is supported by default. That's why one needs to add all types of ERC20 manually in MetaMask, a very easy task.

**1.** Once you have unlocked MetaMask, click on 'Tokens' as shown in this image and click on "Add Token".



**2.** You will be able to see the below screen now where you can add the token details that you intend to add in MetaMask. Check out this article for a more detailed description of how to do this: [MetaMask Wallet Review: How To Use MetaMask Wallet \(+ Tutorials\)](#)

ADD TOKEN

Token Contract Address ?

Token Symbol

Decimals of Precision

Add

3. Once you have extracted details like contract address, token symbol, and token decimals, submit them and click “Add”. **For example**, I am adding these details for Binance (BNB) token extracted from here: <https://etherscan.io/token/0xB8c77482e45F1F44dE1745F52C74426C631bDD52>

- *Token Symbol:* BNB
- *Token Decimals:* 18
- *Token Address:* 0xB8c77482e45F1F44dE1745F52C74426C631bDD52 *Contract*



Etherscan  
The Ethereum Block Explorer

LOGIN Search by Address / Txhash / Block / Token / Ens GO

HOME BLOCKCHAIN TOKENS CHARTS MISC

TOKEN BNB Home / TokenTracker / BNB

Sponsored Link: COINLAUNCH: Create Your Own Tokens, ICO or Cryptocurrency For Free! - [Get Started Today!](#)

**TokenTracker Summary**

Total Supply: 194,972,061 BNB \$2,398,565,877.74

Value per Token: \$12.3021 @ 0.023116 Eth (+ 3.29%)

Token Holders: 298067 addresses

No.Of.Transfers: 385929

ERC20 Contract: 0xB8c77482e45F1F44dE1745F52C74426C631bDD52

Decimals: 18

Links:

Filter By:  Enter Token Address or TxHash

Reputation OK

Token Transfers Token Holders Token Info *New* Read Smart Contract Comments (11)

A Total of 385929 events found

TxHash	Age	From	To	Quantity
0xac8b17de5d4f4a...	11 mins ago	0x5f3658cd57164f...	0x3f5ce5f3e9af3...	319.86535709
0x94223409e77145...	17 mins ago	0x3f5ce5f3e9af3...	0x3c3f457496865d...	15.04
0xdc18d6f5596a6a...	25 mins ago	0x3f5ce5f3e9af3...	0xbcdf2e43ba86a4...	41.02682366
0x05c704aa5e86fba...	25 mins ago	0x0681d8db095565...	0x6990ec9d8f45535...	12.09739622
0xd30882a4468ed...	28 mins ago	0x3f5ce5f3e9af3...	0x5f3658cd57164f...	319.86535709
0x6685caf43305f2...	32 mins ago	0x5fc9487128cd1...	0x46d6cefd758b4bf...	200

4. You will be able to see the balance amount of BNB and BNB will be added to MetaMask, as shown below. Similarly, you can add any ERC20 token to MetaMask anytime.

Main Network

**Account 1**

0xB7E45...

0.00 ETH USD

SENT **TOKENS**

You own 1 token

0 BNB

## **How To Use MetaMask With Trezor**

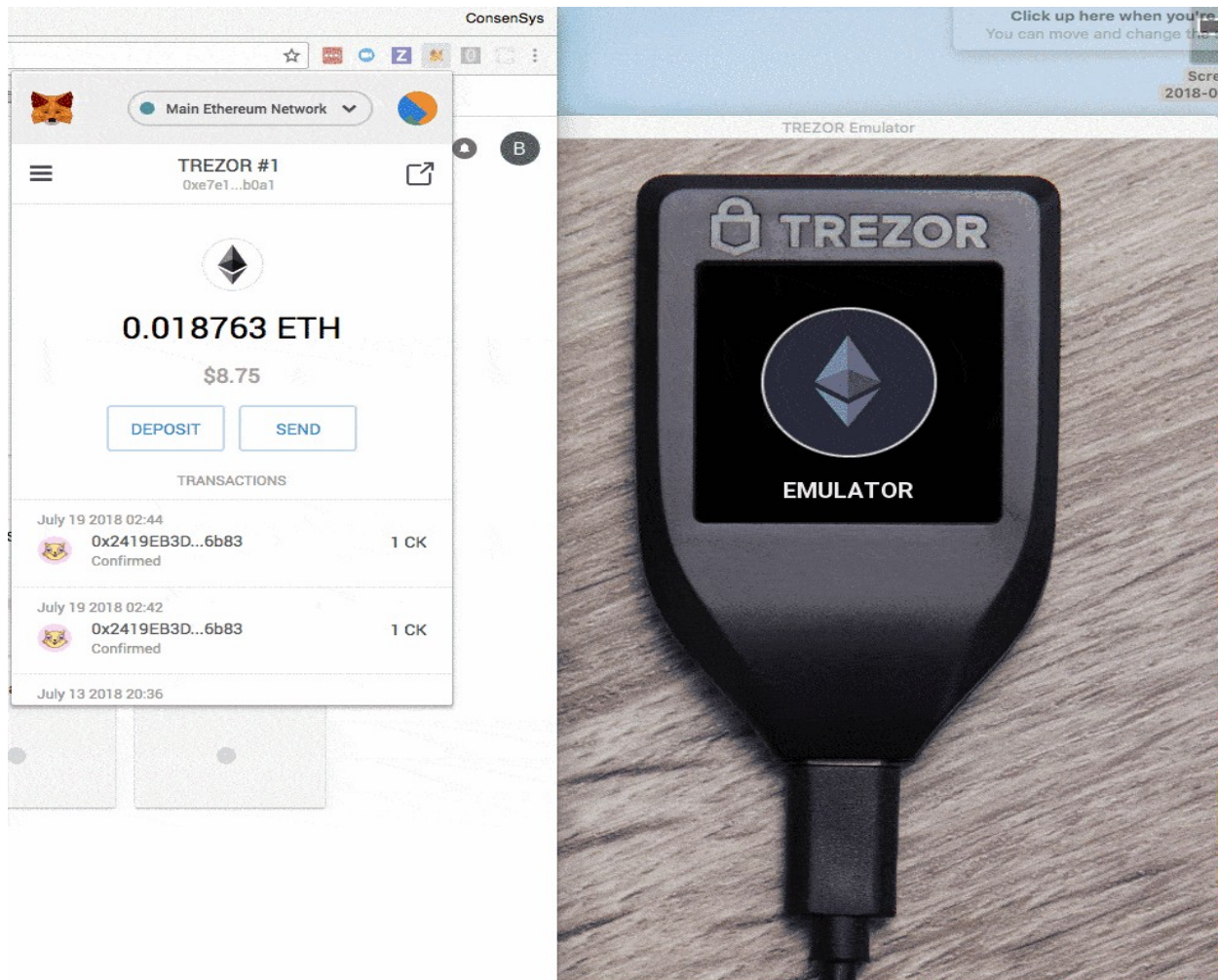
When you connect your Trezor device with MetaMask, your ETH account will be reflected in MetaMask's UI as Trezor account.

Upon opening it in the app, you will see its entire transaction history, balance, etc.

However, all the operations which require signing with your private keys will happen through the Trezor device only and MetaMask will only send requests to Trezor. Take for example, while signing a transaction or a message.

Note: You can disconnect your Trezor after importing your account, and your transaction history will be remembered in MetaMask, as the app stores the public key to your connected account. To delete your history from the app, disconnect your account in MetaMask settings. Your account balance will remain intact. (*Source: Trezor Blog*)

***Let make a transaction using MetaMask...***



**The operation has to be confirmed on the Trezor device**

### **How To Connect Trezor With MetaMask**

- [Download](#) the latest version of MetaMask and install it in Google Chrome (the only supported browser at the moment). Use the beta interface for now. Here is [How](#).
- Click on the account icon at the top right corner and select "Connect [Hardware Wallet](#)".
- Plug in your Trezor and click on "Connect Trezor".
- Trezor Connect will pop up, with a request to export public key. Approve to continue.
- Select the account you want to use and click on "Unlock".
- You have successfully imported an account (its public keys) to MetaMask! Repeat for other accounts if you have more than one. (Source: Trezor Blog)

Well, I think this a huge development for MetaMask and Trezor both as it opens up endless possibilities for DApps and other ERC20 tokens. Plus, with this integration, one will be able to secure ERC20 and ETH in a much more reliable way.

## **Conclusion: Metamask review and tutorials**

MetaMask wallet is the second best ETH and ERC20 wallet one can get after MyEtherWallet.

Another advantage of this wallet is that it automatically blocks suspected websites if it is ON.

There is more.

Through the MetaMask wallet, you can access DApps like [CryptoKitties](#) and other Ethereum applications. Hence, it also acts like an Ethereum blockchain browser.

This a multi-purpose wallet and I use it many times for quick desktop transactions as well as a security protection against phishing websites.

SOURCE: [COINSUTRA](#)