

The background features a complex, abstract pattern of thin, fibrous strands. The color palette is primarily dark blue and black, with vibrant orange and yellow highlights that create a sense of depth and movement, resembling a microscopic view of a material or a digital network.

42 TOOLS TO SECURE YOUR BITCOIN WITH PEACE OF MIND

BITSA GA

Bitcoin can understandably be seen as complex, but it doesn't have to be when using the right tools. Bitcoin is simply a fixed supply of digital, decentralised money. In the end it all comes down to freedom. **Freeing our money from the whims of bankers and politicians.** The cost of this freedom is responsibility.

When no one can interfere with your money, you alone are responsible for it. This toolkit offers a complementary set of tools to help you manage this responsibility, assisting you in guarding your freedom with peace of mind.

“

**WITH GREAT
POWER,
COMES GREAT
RESPONSIBILITY**

UNCLE BEN





THIS IS THE BITCOIN

This is the Bitsaga bitcoin toolkit, a list of recommended hardware & software to navigate the world of Bitcoin with security and confidence. Whether seasoned bitcoin maximalist or just starting your journey, this toolkit is designed to equip you with essential tools to pierce through the perceived complexity and manage your Bitcoin with ease.

BITSAGA TOOLKIT

Note: almost all recommended software is consciously open source. Being open source is critical for any security tool because it eliminates the need to trust a company.

As Satoshi once said, "History is full of breaches of that trust." This applies to both fiat currencies and big tech companies, where your data is sold to the highest bidder.

Some of these recommended tools are privacy focussed. More privacy is directly related to more security by reducing risk for (cyber)attacks, unauthorized access and fraud.

PRIVACY & SECURITY

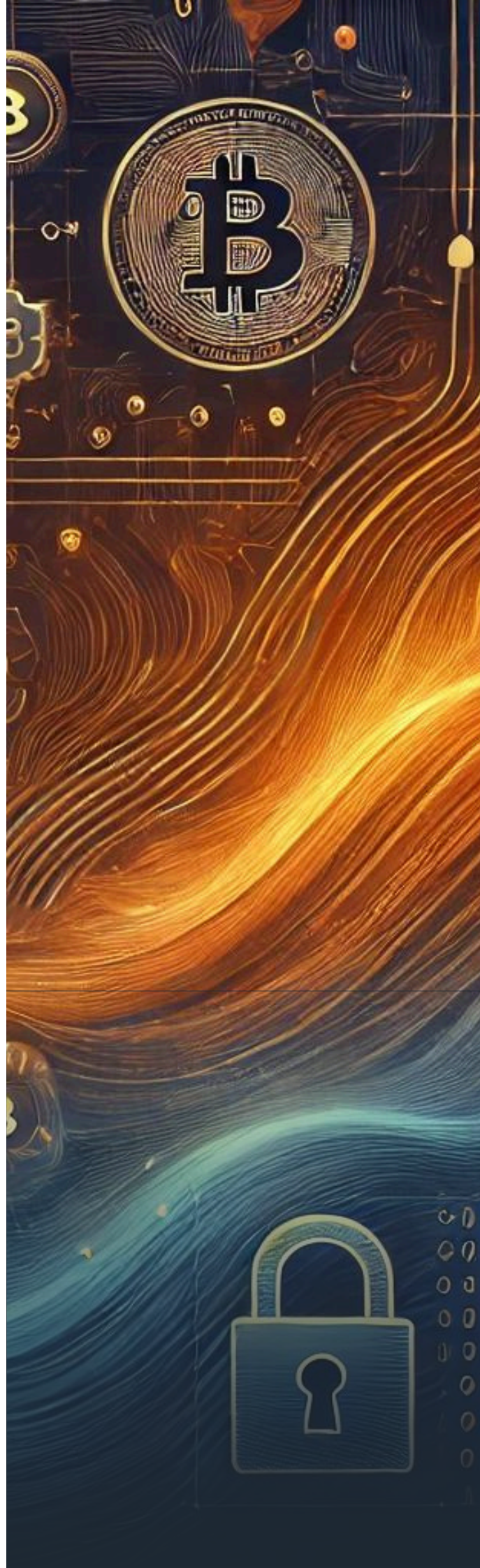
When managing bitcoin, Bitsaga recommends these basic privacy and security tools:



Password manager to securely generate, store and auto-login your passwords on all your online accounts and devices using end-to-end encryption trusted by millions. Proton Pass also generates unique email addresses that forwards emails to your main inbox. [Proton Pass](#) creates aliases so you can enter them into online forms and protect your actual email address from being disclosed or leaked.



[VPN](#) (virtual private network) to ensure privacy when browsing. Hide your IP address & stream from anywhere. Block ads, trackers and malicious scripts. Browse super fast on the 10 Gbps network.





Proton Mail



With [Proton Mail](#), only you can read your emails. Big tech, such as Gmail, makes money by scanning your emails and collecting your data so it can target you with ads. Proton does not track your data or show ads.



A 2 factor authentication tool is critical for online account security. You should have 2FA enabled on all accounts that support it.

Open source 2FA tool with [Ente](#) encrypted backups and support for recovery codes (avoid Google Authenticator).



BROWSER



Mullvad



When you visit a website, you can be identified and tracked through your IP address, third-party cookies, all kinds of tracking scripts, and through so called browser fingerprints.

That's why masking your IP address is not enough to stop the data collection.

However, by using a trustworthy VPN in combination with a privacy-focused browser, you can put up a better resistance against the mass surveillance of today. [Mullvad](#) is a browser designed to minimize tracking and fingerprints with absolute superior privacy.



Firefox



The open-source [Firefox](#) browser is a good all-round browser that blocks most trackers automatically, so there's less need to dig into security settings. Firefox has great cookie protection which gives you more privacy than other browsers by default.

avoid Google Chrome!



AD & TRACKING BLOCKER



Install the [uBlock](#) plugin on any browser you use, including Mullvad & Firefox. Ublock is a free and open-source, cross-platform browser extension for ad blocking and content filtering to neutralize privacy invasion and increase page load times.

BUYING BITCOIN

Note all options to buy bitcoin are consciously bitcoin-only.



Bittr

- Send bitcoin straight to your own wallet.
- Great for automated monthly buys.
- Doesn't require KYC information (giving your identity).



Peach

P2P transactions for better privacy.
Buy/sell directly from/to other people.



River (USA) Zero fee recurring buys.



Swan (USA), No fees on buying your first \$10k bitcoin and free withdrawals to self-custody (which you should always do).

STORING BITCOIN

HARDWARE WALLETS

Jade Plus is the brand new bitcoin hardware wallet from Blockstream. It is designed to deliver an elevated user experience compared to its predecessor for bitcoin enthusiasts at every level.

[Jade Plus](#)



BITSAGA'S RECOMMENDATION FOR NEW USERS ON A BUDGET

A tamper-proof, air-gapped super simple hardware wallet for your bitcoin private key.

Designed for simple & secure, private long-term storage: no batteries, no complexity

[Cardware](#)





SEEDSIGNER

Great multi-sig support & fully DIY compatible.
Built from off-the-shelf components which means
you can replace the main board / screen / camera
yourself should it ever break. Open source project.



PASSPORT CORE

- The easiest to use option out of 20+ hardware wallets tested
- Superior build quality & usability
- Fantastic feature-rich mobile app



SOFTWARE WALLETS AKA HOT STORAGE

Software wallets are used to manage your bitcoin (receive and send) directly from your desktop, laptop or mobile phone. Avoid keeping bitcoin on an exchange. Large amounts of bitcoin should be stored on hardware wallets aka cold storage. Hot storage simply means “connected to the internet” and cold storage “disconnected from the internet”.

“Not your keys, not your coins”



Easy to use desktop wallet.

[Specter](#)



Advanced desktop wallet.

[Sparrow](#)



MOBILE WALLETS

Mobile wallets are popular because you can access your bitcoin from your phone. Avoid storing large amounts on your mobile as your mobile can get hacked.



Mobile lightning wallet that's super easy to use.

[Wallet of Satoshi](#)



Easy to use mobile wallet, supports multi-sig & lightning.

[Blue](#)



Mobile lightning wallet that works great, self-custodial, a bit more advanced.

[Phoenix](#)



Mobile lightning wallet with beautiful Nostr integration.

[Primal](#)



BITCOIN BACKUP SOLUTION

If something ever happens to your laptop or mobile phone you could lose your bitcoin if you don't have a proper backup solution.

Maintain access to your bitcoin by putting your seed aka private key on steel to make it water and fireproof.

Seedfan is an easy, fast & secure way to backup your seed in both 24-words format and QR-code format with separate passphrase plate. Engraver pen & center punch included.



[Seedfan](#)



VARIOUS TOOLS



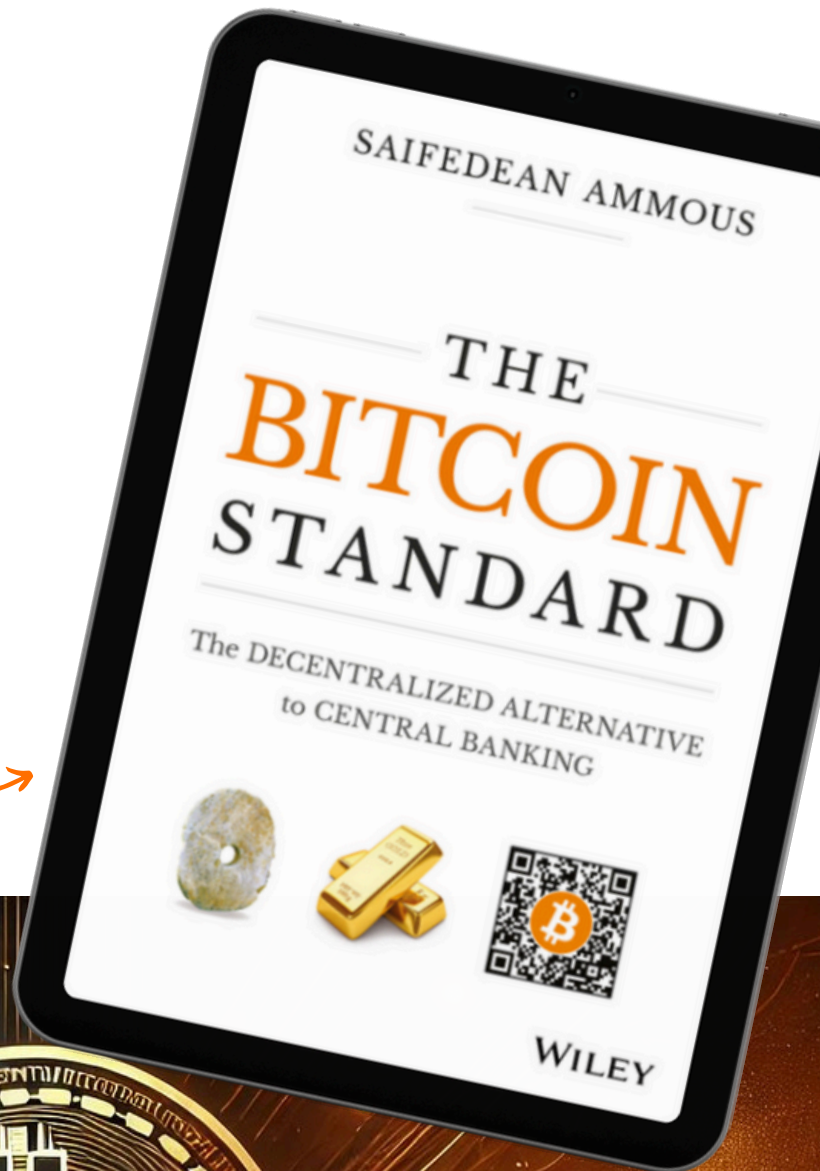
Podcast app:

[Fountain](#)



The bitcoin bible:

[The Bitcoin standard](#)





Bitrefill

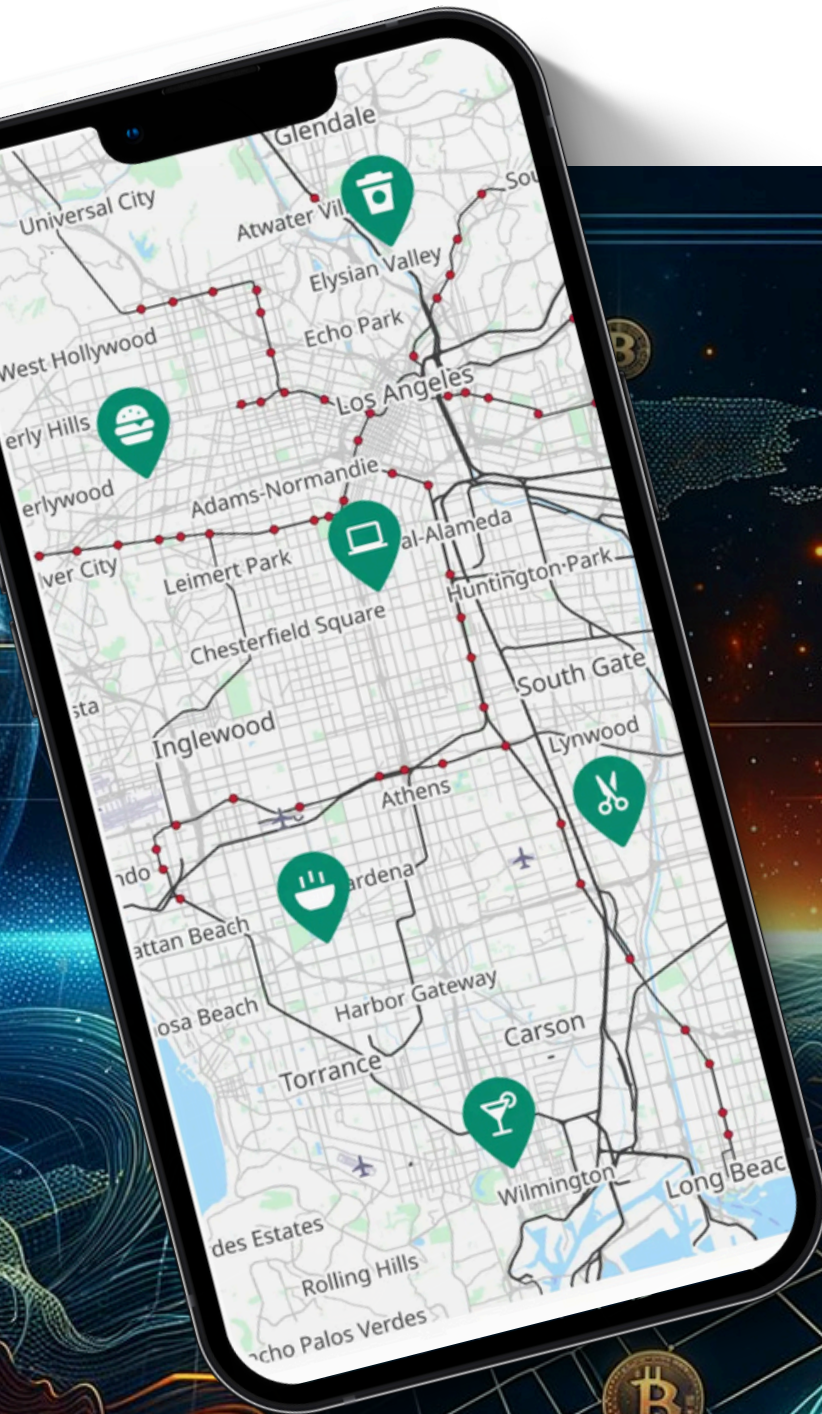


Map of places that accept bitcoin.

[Btcmap](#)

Buy vouchers & gift cards with bitcoin.

[Bitrefill](#)



VARIOUS TOOLS



Buy bitcoin P2P with full privacy.

[Bisq](#)



Privacy server and Bitcoin node with StartOS pre-installed for plug-and-play.

[Start9 Server One](#)



Quad chip open-source bitcoin miner to help decentralise mining.

[NerdQaxe++](#)



[Tamper evident bags](#) to keep your hardware wallet / steel backup in to remain sure nobody has ever accessed it



Bitcoin news website.

[Stacker News](#)



Browser plugin to use lightning on the web.

[Alby](#)





Hardware security key. [Yubico bio](#)



silent.link
INSTANT eSIM



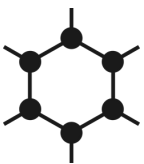
Anonymous e-sim, burner phone numbers & global mobile 4G internet access.

[Silent Link](#)



Wifi router, high-speed mesh networking with full control over your network settings. Did you know that you can also use Proton VPN directly on your Asus router? Doing so will encrypt the internet traffic of every device that is connected to the WiFi network.

[Asus Zenwifi AX XT8](#)



Private and Secure mobile operating system with Android compatibility.

[GrapheneOS](#)





OUTRO

Note this toolkit is highly opinionated. It is an attempt to be a coherent package of tools that assists in the responsibilities over your own money.

Each tool is chosen based on our own practical usage. This list is Bitsaga's opinion that values user experience and security. We focus on mostly providing a single or limited set of options for each task to avoid overwhelming you with choices. There are always great alternatives.

By definition other people with other demands are going to have other tools being a better fit for them. The bitcoin ecosystem is amazingly extensive and we strongly encourage you to further do your own research into the beautiful world of bitcoin tools.

[Bitcoin.org](https://bitcoin.org) is a great place to start

 **bitcoin**

QUESTIONS REGARDING ANY OF THESE TOOLS?

Bitsaga can assist individuals and businesses with bitcoin tools like the ones mentioned in this toolkit. Our mission is to drive bitcoin adoption by offering matching hardware & consultancy for your demands, ensuring your setup is secure, your experience straightforward and gives you peace of mind. Send a message to contact@bitsaga.be to determine how Bitsaga can help you or your business.

Disclaimer: some of the links in this toolkit are affiliate links, for example to Proton VPN. When you decide to purchase something after clicking some of these links Bitsaga might make a small commission at no cost to you. Bitsaga also has an affiliate program.

No company has influenced the content of this toolkit. Please send any suggestions for changes and improvements to this toolkit to contact@bitsaga.be

Thank you.





**THE ABSOLUTE SCARCITY OF
BITCOIN MAKES IT PERFECT FOR
STORING AND TRANSACTING THE
ONLY OTHER ABSOLUTELY
SCARCE RESOURCE – TIME**

ROBERT BREEDLOVE



BITSA GA