



Privacy Coins



Privacy Coins

Privacy coins are a specialized class of cryptocurrencies designed to ensure the anonymity and untraceability of transactions. Unlike traditional cryptocurrencies like Bitcoin, privacy coins such as Monero and Zcash employ advanced cryptographic techniques to obscure transaction details, including the sender, recipient, and amount. These features make privacy coins particularly appealing for individuals and entities seeking enhanced confidentiality in their financial activities. However, their ability to facilitate untraceable transactions has also attracted regulatory scrutiny due to potential misuse in illicit activities

Popular Privacy Coins

- **Monero (XMR)**
- **Zcash (ZEC)**
- **Dash (DASH)**
- **Decred (DCR)**
- **Beldex (BDX)**
- **Mask Network (MASK)**

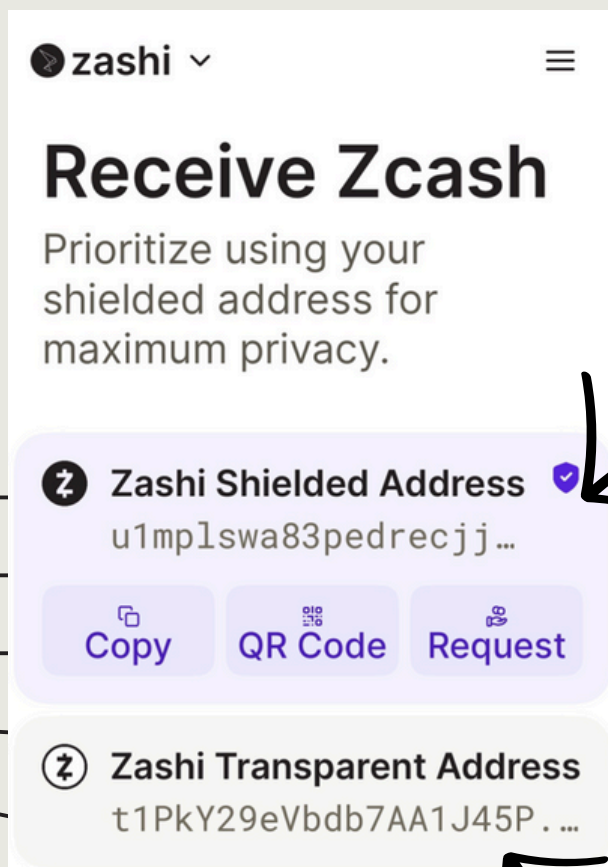


What is Zcash?

Zcash is a cryptocurrency built to provide anonymity through cryptocurrency transactions. Zcash implements zk-SNARKs (Zero-Knowledge Succinct Non-Interactive Argument of Knowledge) to ensure that all needed conditions are met for a valid transaction without exposing any personal, confidential data. Zcash offers multiple transaction types ranging from fully public to fully private.

Key Features

- Privacy and Security
- zk-SNARKs Technology
- Decentralized and Open-Source
- Capped Supply
- Compliance Features
- Transparent Transactions
- Shielded Transactions



Shielded addresses in Zcash, or "z-addrs," encrypt transaction data for privacy. They use zk-SNARKs to verify transactions without revealing details.

Transparent addresses in Zcash, known as "t-addrs," function similarly to Bitcoin addresses. They allow transaction data to be publicly visible on the blockchain

What is Monero?

Monero is a top cryptocurrency for private, censorship-resistant transactions, ensuring anonymity for all users by default. It employs Stealth Addresses to create unique, one-time addresses for each transaction, Ring Signatures to blend the sender's transaction with others, and Ring Confidential Transactions (RingCT) to hide the transaction amount. The "prove transaction" feature allows users to verify transactions without revealing sensitive details, using the transaction ID, recipient's address, and a unique transaction key. Monero users are protected from blacklisted or tainted coins.



Key Features

- Confidential and Untraceable
- Quick, low-cost payments worldwide
- Single-Use Addresses
- Fungible Currency
- Stealth Addresses, Ring
- Signatures, and RingCT

Privacy Coins and Dark Web

Privacy coins like Monero and Zcash are known for their anonymity features, making them popular for illicit activities on the dark web. Monero uses ring signatures, stealth addresses, and RingCT to hide transaction details, while Zcash employs zk-SNARKs for shielded transactions. These privacy measures complicate law enforcement efforts, leading to regulatory scrutiny. Despite legitimate uses, their enhanced privacy is exploited for money laundering and illegal trade.



Crypto Track

Crypto Track PRO is a robust blockchain analytical engine designed to enhance investigative capabilities. As a private forensic firm, we collaborate with U.S. law enforcement as well as international investigators.

We also collaborate with international organizations such as the Cryptocurrency Defenders Alliance which provides us the ability to attempt to quickly blacklist cryptocurrency addresses linked to known criminal activity. This can provide law enforcement with the critical time needed to secure legal documentation and facilitate asset recovery for victims.



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