

# CRYPTOCURRENCY

“Crypto is money 2.0, a huge huge huge deal.”

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# WHAT IS CRYPTOCURRENCY?

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A cryptocurrency (or crypto currency) is a digital asset designed to work as a medium of exchange using cryptography to secure the transactions and to control the creation of additional units of the currency.

# CONVENTIONAL VS DIGITAL CURRENCY

	Flat or conventional currency	Cryptocurrency
<b>Type</b>	Real	Virtual
<b>Intermediates</b>	Yes	No (peer-to-peer)
<b>Portability</b>	Yes (except heavy cash)	Highly portable
<b>Durable</b>	Moderate	Highly durable
<b>Acceptance</b>	National	Global (throughout the Internet)



# CONVENTIONAL VS DIGITAL CURRENCY

	Flat or conventional currency	Cryptocurrency
<b>Secure (cannot be counterfeited)</b>	Moderate	High
<b>Scarce (Predictable Supply)</b>	Low	High
<b>Sovereign (Government Issued)</b>	Yes	No
<b>Decentralized</b>	No	Yes
<b>Smart (Programmable)</b>	No	Yes



1. Fast, Safe and cheap.
2. Ease of use and highly portable.
3. Untraceable.
4. Transparent and neutral.
5. Decentralized nature.
6. Active involvement of users.
7. Fewer risks for merchants.
8. Freedom to transact.
9. Low inflation and collapse risk.

## WHY USE CRYPTOCURRENCY?

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# RISKS



**Hackers.** Cryptocurrencies are targets for highly sophisticated hackers, who have been able to breach advanced security systems.

- **Fewer protections.** If you trust someone else to hold your cryptocurrencies and something goes wrong, that company may not offer you the kind of help you expect from a bank or debit or credit card provider.

- **Cost.** Cryptocurrencies can cost consumers much more to use than credit cards or even regular cash, often due to price volatility.

- **Scams.** Fraudsters are taking advantage of the hype surrounding virtual currencies to cheat people with fake opportunities.

- **Lack of Transparency.** The anonymous nature of cryptocurrencies make transparency and accountability difficult for consumers seeking to ensure the safety of their investments.





# TYPES OF CRYPTOCURRENCY

# OPEN OUT ON CRYPTOCURRENCY



  
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"I understand the political ramifications of cryptocurrencies and I think that government should stay out of them and they should be perfectly legal."

- Ron Paul  
/Former politician/  
**@CrypVlog**



  
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"we need blockchain technology"

- Vladimir Putin  
/Prime minister/  
[@cryptocurrency | cryptocurrency.org](https://cryptocurrency.org)



  
CryptoCurrency

"Bitcoin actually has the balance and incentives right, and that is why it is starting to take off"

- Julian Assange  
/Founder of Wikileaks/  
**@CrypVlog**  
[YouTube.com/CrypVlogs](https://www.youtube.com/CrypVlogs)



  
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"Bitcoin, and the ideas behind it, will be a disruptor to the traditional notions of currency. In the end, currency will be better for it."

- Edmund C. Moy  
/American businessman/  
**@CrypVlog**



  
CryptoCurrency

"Bitcoin will do to banks what email did to the postal industry"

- Rick Falkvinge  
/Founder of the Swedish pirate party/  
**@CrypVlog**

The logo features a stylized, 3D cube-like structure with a grid pattern on its faces, rendered in a light blue color. The text "BITCOIN TECHNOLOGY" is overlaid on the center of the cube in a bold, white, sans-serif font. Two horizontal orange lines are positioned above and below the text.

# BITCOIN TECHNOLOGY

1. Distributed ledger technology.
2. Mining.
3. Mining hardware.
4. Mining Software.
5. Blockchain.
6. Bitcoin Wallets

# CONCLUSION



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**Cryptocurrency is an impressive technical achievement, but it remains a monetary experiment. Even if cryptocurrencies survive, they may not fully displace fiat currencies. As I have tried to show in this presentation, they provide an interesting new perspective from which to view economic questions surrounding currency governance, the characteristics of money, the political economy of financial intermediaries, and the nature of currency competition.**