

# Bitcoin vs Ethereum: Key Differences

	Bitcoin	Ethereum
Purpose	Digital gold / Store of value	World computer / DApps platform
Consensus	Proof of Work	Proof of Stake (since 2022)
Block Time	~10 minutes	~12 seconds
Language	Bitcoin Script (limited)	Solidity (Turing-complete)
Supply	21M cap (deflationary)	No cap (minimal inflation)
Smart Contracts	Basic (multi-sig, timelocks)	Full programmability
Use Cases	Payments, savings	DeFi, NFTs, DAOs, gaming
Market Cap	~\$800B (Dec 2024)	~\$350B (Dec 2024)

**Key Insight: Bitcoin = digital gold, Ethereum = programmable money**