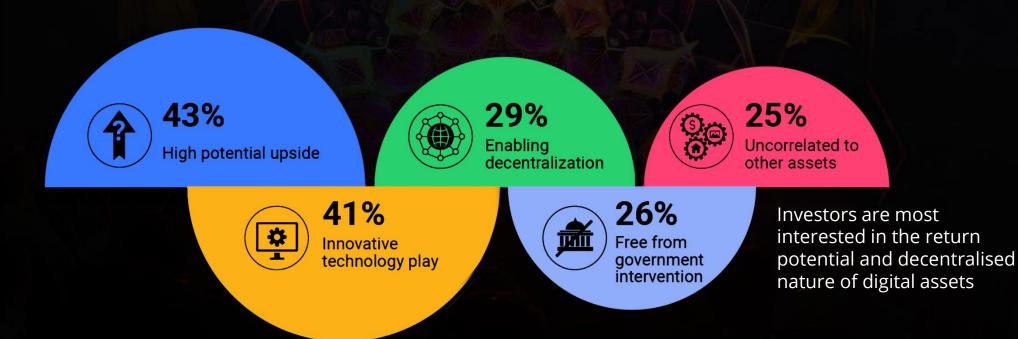
Why invest in digital assets?

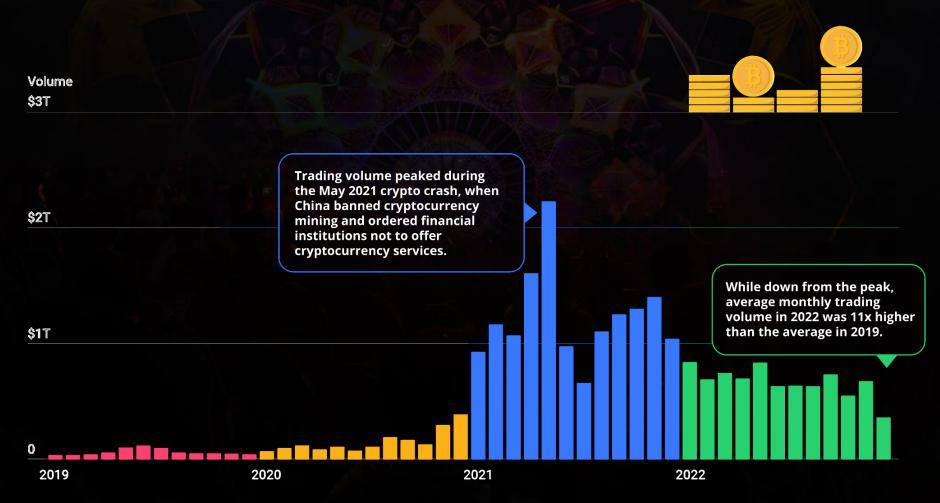






Crypto exchange volumes: spot market





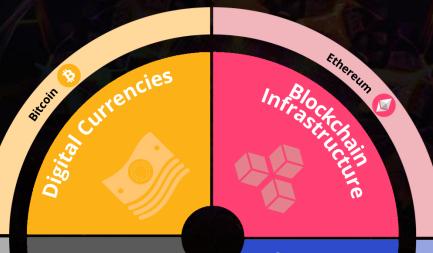


Primary use cases for digital assets



Digital Currencies

Assets native to blockchains that primarily enable the transfer of value.



Blockchain Infrastructure

Assets that support the development, interoperability, scale, and growth of blockchain technologies.

On-Chain Derivatives

Assets that are based on, or have value linked to, a different underlying asset or group of assets.

Talli Destivorives

Digital Associations

Applications

Applications

Digital Asset Applications

Assets that are native to an on-chain application that provides a specific service or product to blockchain users.



Valuations of leading Web3 players



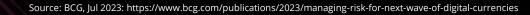




Risks associated with digital currencies



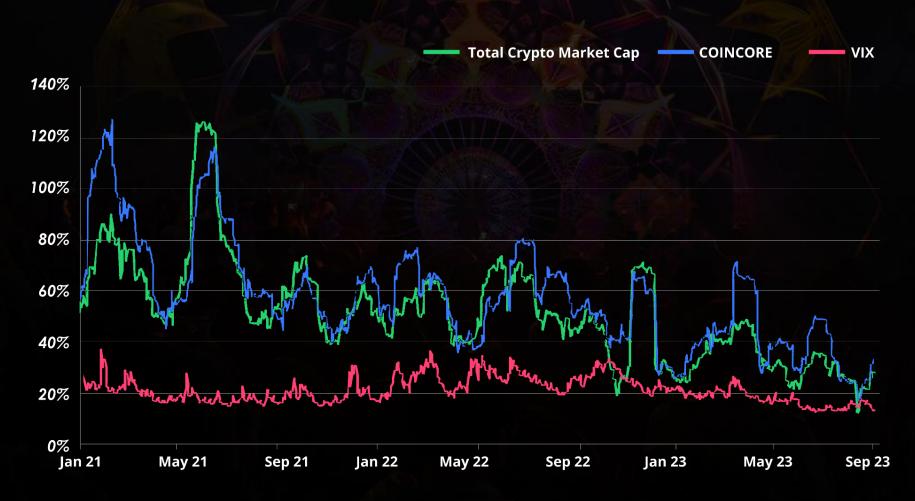
| 1 | Market risk | (6) | Price volatility | |
|---|----------------------|----------------|--|--|
| 2 | Counterparty risk | | Another player's default | |
| 3 | Illicit-finance risk | CQ) | Fraud, money laundering, etc. | |
| 4 | Regulatory risk | 0+0 | Continuously evolving local government thinking | |
| 5 | Security risk | \bigcirc | Theft, loss, and attack | |
| 6 | Operational risk | | Including smart contracts and technological challenges | |
| 7 | Reputational risk | C ^a | Damage to the public image | |





Crypto volatility is showing decreasing peaks





Rolling annualized 30-day volatility of daily returns.

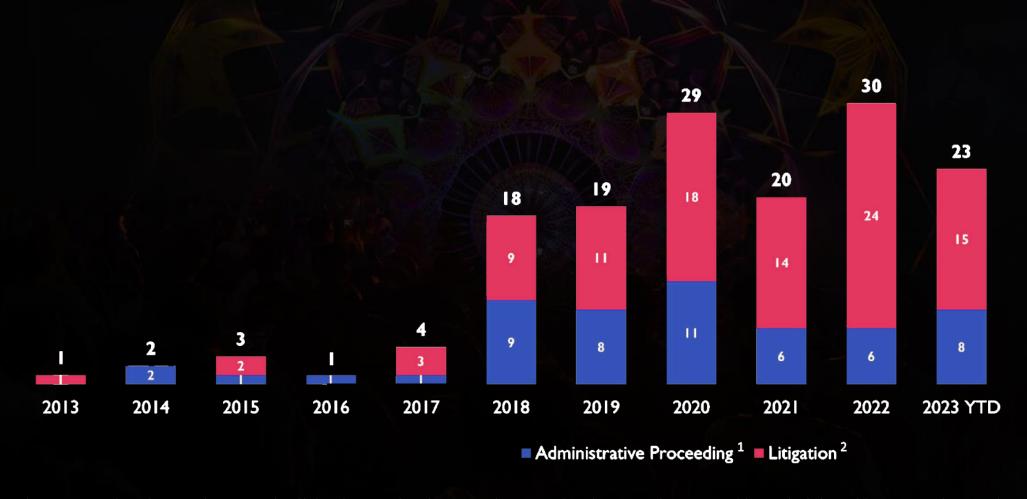
Components of COINCORE index currently include 70.7% bitcoin, 27.5% ether and 1.8% other.

Source: Coinbase, Sep 2023: https://www.coinbase.com/institutional/research-insights/research/monthly-outlook/crypto-markets-in-10-charts-sept-2023



SEC enforcement actions on Crypto





^{1:} SEC's administrative proceedings refer to internal processes conducted before administrative law judges (ALS) to enforce securities laws. The SEC acts as the prosecutor and the ALJ makes findings and decisions. 2: SEC's litigations refer to legal actions brought before federal courts, involving alleged violations of securities laws. The SEC acts as the plaintiff and the case presented before a judge or jury.

Source: The Block Research (Cornerstone Research), SEC.gov, Aug 2023: https://static2.ftitechnology.com/docs/white-papers/FTI+Technology+White+Paper+-+Global+Regulatory+Trends+in+Crypto.pdf



Global crypto regulations overview



| Jurisdiction | Regulatory Framework | AML / CTF | Travel Rule | Stablecoins Regulation |
|----------------------|----------------------|--------------|--------------|------------------------|
| Argentina | In progress | In progress | In progress | In progress |
| Bahamas | \checkmark | \checkmark | \checkmark | \checkmark |
| Brazil | \checkmark | | \checkmark | In progress |
| Cayman Islands | \checkmark | \checkmark | \checkmark | \checkmark |
| China | x | × | x | × |
| Colombia | In progress | In progress | In progress | In progress |
| European Union | \checkmark | \checkmark | \checkmark | |
| Hong Kong | × | \checkmark | \checkmark | In progress |
| Japan | \checkmark | | \checkmark | |
| Singapore | \checkmark | \checkmark | \checkmark | In progress |
| South Korea | \checkmark | \checkmark | \checkmark | In progress |
| United Arab Emirates | √ | \checkmark | \checkmark | |
| United Kingdom | In progress | \checkmark | \checkmark | In progress |
| United States | In progress | \checkmark | \checkmark | In progress |



Crypto and DeFi market size





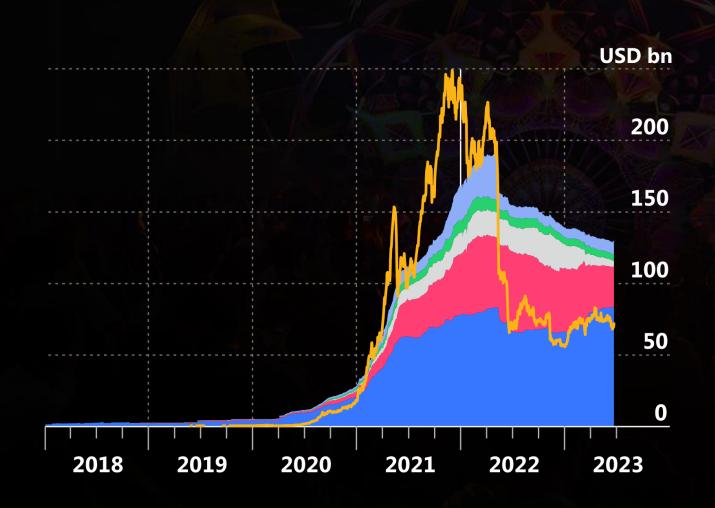
¹ End-of-week values. Categories comprise the largest seven stablecoins, 59 DeFi coins and 64 other cryptocurrencies. DeFi coins correspond to cryptocurrencies issued by DeFi platforms and with a market capitalisation-to-total value locked ratio smaller than 50, as reported by DeFiLlama. Total value locked refers to the size of capital pools underpinning DeFi protocols. For more details, see Table A2 from Auer (2022).

Source: BIS (2022); BIS (Bloomberg; CoinGecko): https://www.bis.org/publ/othp72.pdf



Growth in stablecoins







DeFi mkt cap & share of overall market







Family Offices & HNWIs – how are they investing in Web3?

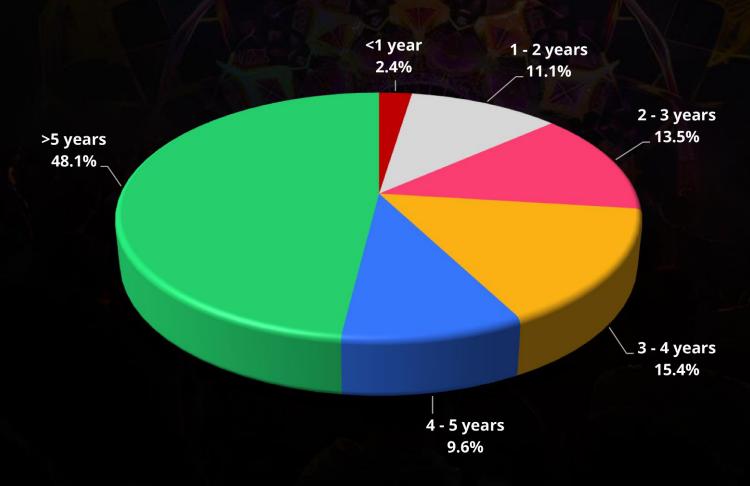






Institutional investors: crypto investing experience

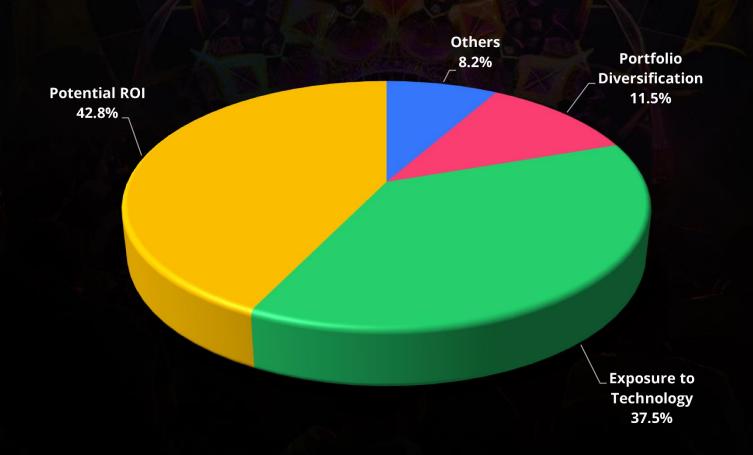






Institutional investors – why invest in crypto?

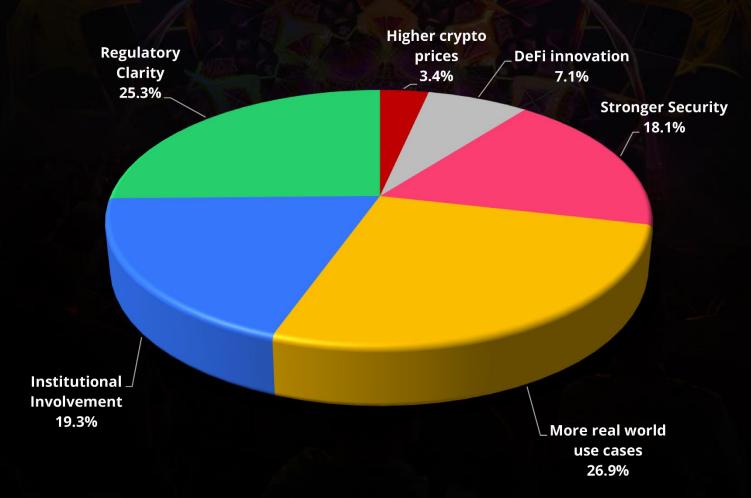






What is driving crypto adoption?







Web3 sentiment and allocation



SENTIMENT

Long-term believers in the market.



of institutions noted that recent market events have impacted their short-term digital assets and/or related product investment plans, but that they have plans to re-evaluate quickly.

ALLOCATION

Increasing their allocations.



of respondents increased digital assets and/or related product holdings in 2022.



of respondents believe in the long-term value of blockchain technology and/or digital assets.



of respondents expect to increase their allocations to digital assets and/or related products in the next two to three years.



^{*}Digital asset-related products include funds, trusts, derivatives, etc.
Source: EY, Apr 2023: https://www.ey.com/en_us/financial-services/how-institutions-are-investing-in-digital-assets

Institutional confidence and interest in tokenization



CONFIDENCE

More trusting of TradFi institutions.



of respondents would engage with a TradeFi firm for custody of their crypto investments.

TOKENIZATION Interested in tokenization.



of institutional investors are interested in investing in tokenized assets, with 40% interested in starting this year or next.



of respondents would be likely to switch from a crypto native firm to a traditional finance firm if the same capabilities were offered.



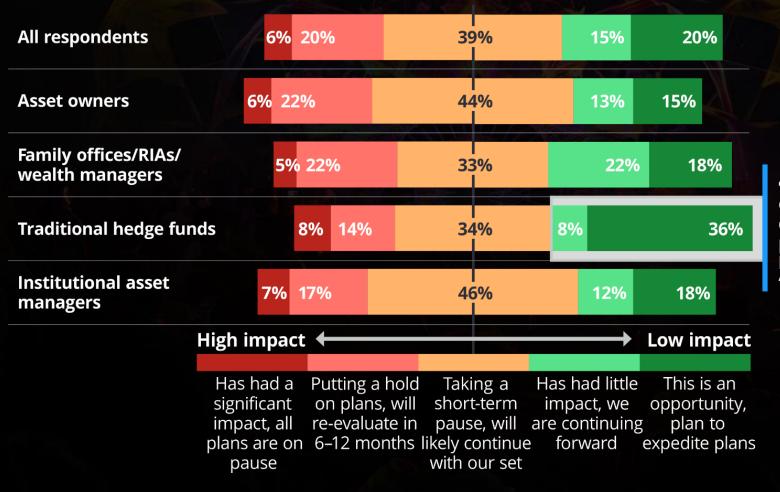
of hedge funds and institutional asset managers are interested in tokenizing their own assets, with 45% planning to start this year or next.



^{*}Digital asset-related products include funds, trusts, derivatives, etc. Source: EY, Apr 2023: https://www.ey.com/en_us/financial-services/how-institutions-are-investing-in-digital-assets

Impact of crypto winter on demand





44% of hedge funds' crypto investment plans are unaffected by the current "crypto winter."



Institutional interest in investing in tokenized assets, and when



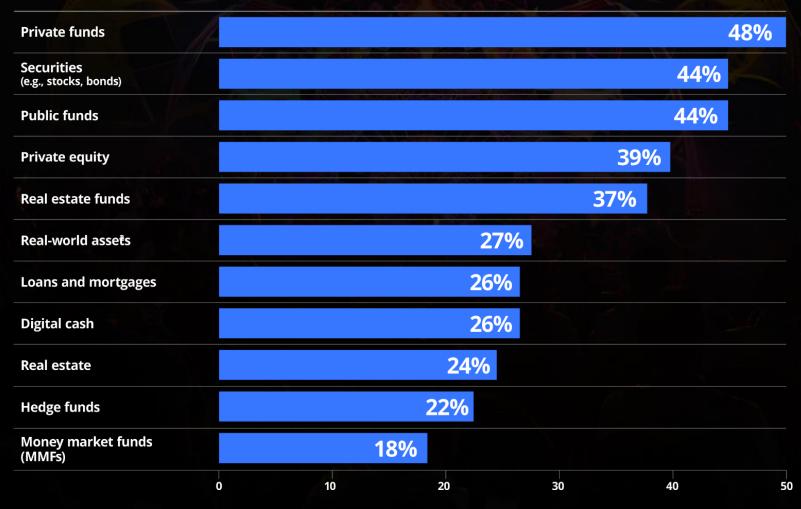
| Interested in investing in tokenized assets | 2023 | 2024 | 2025 | 2026+ |
|---|-----------------|-----------------------------|--|---|
| 57% | 17% | 23% | 27% | 7% |
| 60% | 13% | 26% | 23% | 13% |
| rs 51% | 14% | 23% | 34% | 5% |
| 58% | 23% | 23% | 19% | 8% |
| 62% | 20% | 22% | 28% | 4% |
| | 57% 60% 51% 58% | 57% 17% 13% 13% 51% 23% 23% | in tokenized assets 2023 2024 57% 17% 23% 60% 13% 26% rs 51% 14% 23% 58% 23% 23% | in tokenized assets 2023 2024 2025 57% 17% 23% 27% 60% 13% 26% 23% rs 51% 14% 23% 34% 58% 23% 23% 19% |

There is broad interest in investing in tokenized assets this year and next among institutional investors.



Tokenized asset classes driving most institutional interest

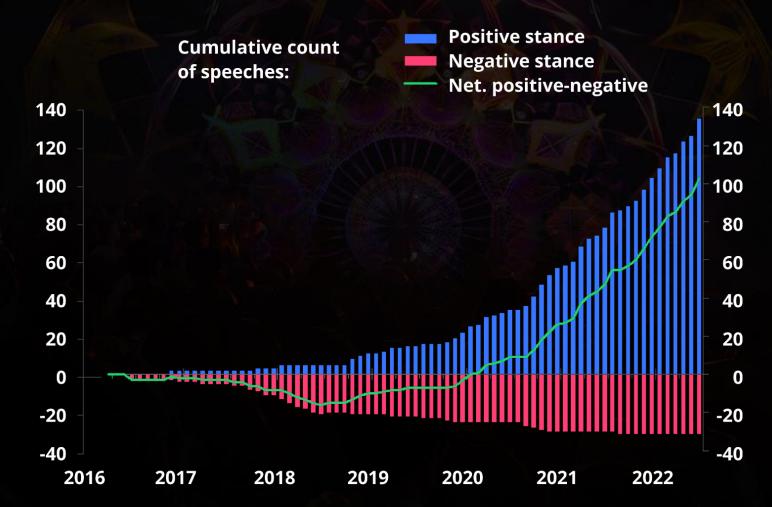






Central banks on CBDCs: speech count





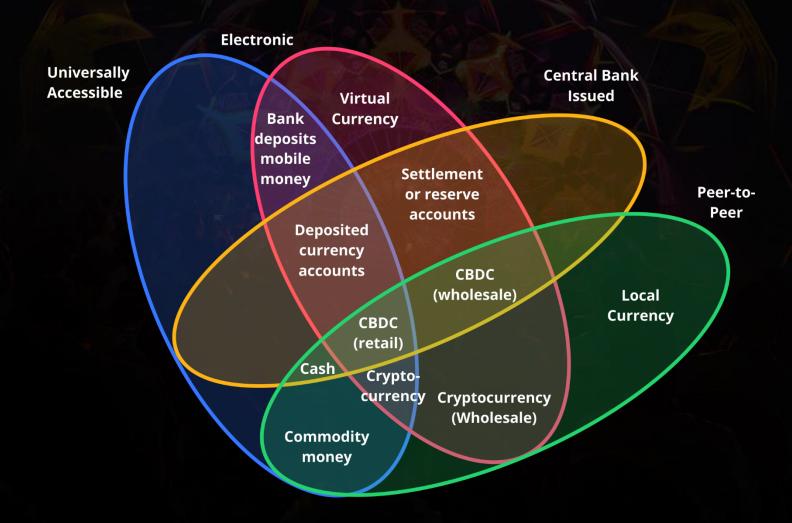
Note: Search on "CBDC," "digital currency," and "digital money." Classification based on authors' judgement. Score takes value of -1 if speech stance clearly negative or if explicitly said there was no specific plan at present to issue digital currencies. Value of +1 if speech stance clearly positive or project/pilot launched/in pipeline. Other speeches (not displayed) have been classified as neutral.

Source: Citi GPS, Mar 2023: https://www.citifirst.com.hk/home/upload/citi_research/rsch_pdf_30143792.pdf



A taxonomy of money

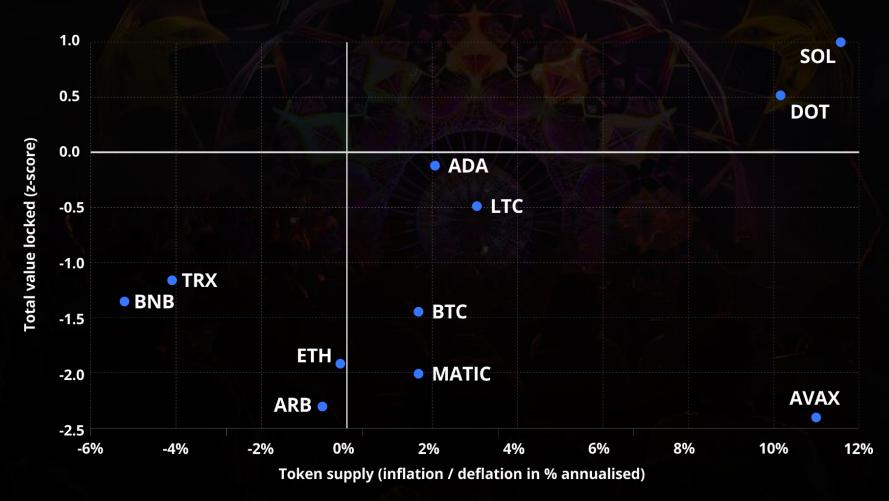






Total value locked vs. token supply





TVL based on z-scores measured over 90-day window. Token supply growth measured as annualized % change over last three months. Sources: Messari, CoinMetrics, DeFiLlama and Coinbase.

The TVL measures the total value of assets deposited in a particular <u>decentralized finance (DeFi)</u> protocol. It's also possible to calculate the TVL of the entire <u>blockchain</u> ecosystem by aggregating the TVLs of all the different DeFi protocols on that blockchain.

Source: Coinbase, Sep 2023: https://www.coinbase.com/institutional/research-insights/research/monthly-outlook/crypto-markets-in-10-charts-sept-2023, Binance: https://academy.binance.com/en/glossary/total-value-locked-tvl



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