

Disclaimer: crypto is risky. You could lose all your money. None of this is financial/tax advice.

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Intended audience

This doc tries to be newbie-friendly but also includes resources useful for advanced / experienced crypto folks as well.

Where crypto yields come from

this is a great explanation of where the crypto yields come from:

<https://www.youtube.com/watch?v=TJ6MQsjOS0I> .

essentially

1. borrowers pay interest for borrowing crypto (you are the lender, either directly or indirectly). Sometimes they want to borrow because they want to use leverage (margin trading 証拠金取引)
2. staking for proof of stake blockchains (get rewards for helping to secure the blockchain. however stablecoins can't be directly used for this)
3. emissions (basically like printing money) of other projects' native crypto tokens . Some projects are basically giving you free tokens of their project because they want to incentivize people to try out their project. Of course this sometimes causes hyperinflation of that project's token and it can go to zero. But at least you don't lose your principal 元本。

Some services will automate a lot of the above for you.

How to find good farms for yield farming?

- Check all the famous ones: yearn.finance, beefy.finance
- See the vaults/pools with high TVL (total value locked) on aggregator tools e.g.
 - <https://defiyield.info/>
 - <https://vfat.tools/>
 - <https://coindex.com/> yield farm info aggregator. Can sort/filter.
 - <https://app.multifarm.fi/farms> yield farm info aggregator. Can sort/filter.
- Look on yield farming social channels, e.g.
 - #yield-farming-and-tokens channel on the Bankless Discord discord server
 - #yield-farming channel on The Daily Gwei Discord server
 - https://www.reddit.com/r/Yield_Farming/

- <https://yieldfarmer.substack.com/>
- <https://stablerates.substack.com/>
- Ask questions in various Discord / Telegram channels.

Crypto news/learning resources (videos / podcasts / newsletters)

- [List of DeFi resources for beginners from Easy DeFi \(2021 Oct\)](#)
- <https://www.gemini.com/cryptopedia>
- [Beginner's guide to crypto 2021 Sep](#)
- [Resources from a16z for understanding crypto](#)
- [Web3 reading list \(Gaby Goldberg\)](#)
- [DeFi MOOC \(Stanford / Berkeley professors\) 2021](#)
- [List of articles on tokenomics](#)
- <https://pentacle.xyz/> collection of resources, nice UI
- Bitcoin
 - <https://casebitcoin.com/newbie>
 - [Introductory bitcoin learning resources](#)
- Decentralized Finance (DeFi)
 - <http://whr.tn/DeFi-BTH> intro to DeFi by Wharton professor
 - <https://defi-learning.org/> Berkeley MOOC
- Security
 - Crypto security guide
https://www.reddit.com/r/CryptoCurrency/comments/n6l9zn/the_complete_security_guide_to_keep_you_your/?utm_medium=android_app&utm_source=shareDeFi for beginners
- <https://finematics.com/>
- [DeFi Dad tutorials](#)
- <https://thedefiant.io/getting-started-with-defi/>
- <https://banklesshq.com/>
 - Highly focused on Ethereum and its ecosystem
- <https://thedefiant.io/>
- <https://uncommoncore.co/> excellent podcast hosted by Su Zhu of Three Arrows Capital, and Hasu, a crypto researcher
- <https://blockcrunch.libsyn.com/>
- <https://thedailygwei.libsyn.com/>
 - Highly focused on Ethereum and its ecosystem
- <https://easydefi.substack.com/>
- How to DYOR (do your own research) and vet crypto projects
 - <https://thedefiant.io/red-flag-alert-a-framework-for-vetting-crypto-projects/>
 - <https://thedefiant.io/red-flag-alert-a-framework-for-vetting-crypto-projects-part-ii/>
 - https://www.reddit.com/r/CryptoCurrency/comments/mkiyp7/yet_another_howto_dyor_checklist_before_making/
- Crypto investment Youtube channels
 - <https://www.coinbureau.com/>
 - Awesome research. His portfolio is public. Actually there's probably a team working behind the scenes doing the research.
 - [mrmasa](#) "Invest or not?" videos on various coins/tokens. His portfolio is public.
 - "Should I buy?" series by InvestAnswers
 - [Coinsider](#) - good due diligence, rates projects out of 10.
 - [Taiki Maeda](#) - largely focused on yield farming
- Paid crypto research services
 - <https://messari.io/> they have a free trial
 - <https://www.delphidigital.io/member-portal/> Cheapest plan is \$10 / month.
- Custodial crypto yield services (i.e. they manage your crypto for you and you get interest/yield on it)
 - <https://decrypt.co/57289/blockfi-celsius-nexo-what-is-the-best-crypto-savings-account>
 - <https://p2pempire.com/en> comparison site.

- Screenshot 2022-05-15 <https://p2pempire.com/en/crypto-interest-account>

Platform	BTC	ETH	LTC	BUSD
YouHodler	4.8%	5.5%	5.5%	10%
Celsius	6.20% (3.51%)	3.52% - 5.35% (4.42% - 6.72%)	4.08% (5.12%)	8.88% (11.21%)
BlockFi	0.1% - 4.5%	0.25% - 5%	0.1% - 4.75%	7% - 8.25%
Cabital	1.8% - 2.5%	2.5% - 3%	N/A	N/A
Crypto.com	1.5% - 8.5%	3.5% - 8.5%	0.5% - 5%	N/A
Binance	0.5%	4.9% - 21.60%	N/A	0.8%
Voyager	5.75%	4.6%	5%	N/A
Gemini	1.49%	2.05%	2.77%	N/A
Ledn	6.10%	N/A	N/A	N/A
Hodlonaut	7.2%	7.2	N/A	N/A

- Below are some of the platforms with best risk/reward ratio
 - <https://p2pempire.com/en/review/ledn> good for USDC only
 - <https://p2pempire.com/en/review/youhodler>

- Advanced topics
 - [How to spend your crypto without selling](#) (and avoid having capital gains)
 - [Eth staking pools methods / tokenomics / rewards](#)
 - <https://blockdebate.buzzsprout.com/> Blockchain Debate podcast
 - DeFi token defensibility against competing forms <https://multicoin.capital/2021/09/16/daos-manage-risk/>

Investor-oriented materials

- [Ethereum the Triple Halving \(79-page bull case PDF\)](#)
- [Ethereum as Ultra Sound Money \(Justin Drake interview by Bankless\)](#)
- [Economic analysis of Ethereum \(Lyn Alden\)](#)
- [Bitcoin’s network effect \(Lyn Alden\)](#)
- [Bitcoin as an Investment \(ARK Invest\)](#)
- [Bitcoin - rise of digital gold \(Grayscale\)](#)
- [The state of crypto credit](#) (2021 May)
- [A checklist for Layer 1 blockchain investment](#)
- Paid services
 - <https://cryptopragmatist.ck.page/products/crypto-pragmatist-pro>
 - Delphi Digital
 - Messari
 - Nansen.io
 -

Crypto data/dashboards/rankings/tools

- [Overview of DeFi tools](#)
- Gas / transaction fees
 - <https://etherscan.io/gastracker> Ethereum gas prices
 - <https://cointool.app/gasPrice/> gas prices for various chains
- <https://coindix.com/> yield farm info aggregator. Can sort/filter.
- <http://www.stable.fish/home> yield farm info aggregator for stablecoins
- <https://app.multifarm.fi/farms> yield farm info aggregator. Can sort/filter.
- <https://app.beefy.finance/> arguably the best autocompounder / yield aggregator for EVM chains.
- <https://vfat.tools/> Yield farming numbers across many blockchains. Quite comprehensive but UI is a bit bad.
- <https://dappradar.com/> Dapps ranking
- Tokenterminal.com
- <https://www.stakingrewards.com/> compare staking rewards / options
- Wallet/ portfolio trackers
 - <https://apeboard.finance/dashboard> probably the best one? But poor support for Solana.
 - <https://app.zerion.io/> input your Ethereum address and track the vaults and value change over time etc.

- <https://zapper.fi/> to track cross-chain portfolio,
- farming rewards and NFTs as well as execute trades and “zaps”
- <https://tin.network/en/dashboard> - shows how much earnings you gained from yield farming.
- <https://app.step.finance/#/dashboard> tracker for solana
- <https://trackavault.com/> track your yearn vaults etc.
- <https://www.coinglass.com/LiquidationData> liquidation data
- <https://www.blockchaincenter.net/> various price change metrics on different time frames, today's trending coins, etc.
- [Bitcoin options open interest](#)
- Funding rounds <https://icohigh.net/>
- Layer 2 numbers <https://l2beat.com/>
- Cross-chain bridging
 - [List of bridges and fees by chain pair \(Apeboard\)](#)
 - [Map of cross-chain bridges](#)
 - [Spreadsheet of bridges](#)
- For Binance Smart Chain (BSC)
 - <https://www.defistation.io/>
 - <https://scv.finance/vault> yield farming numbers for Binance Smart Chain. Sort by APY and duration.
- For Solana
 - [Spreadsheet of ecosystem projects](#)
- For Terra
 - <https://terra.smartstake.io/projects>
 - <https://alpac4.com/TerraSwapDashboard>
 - <https://science.flipsidecrypto.com/ust/>
 - LUNA liquidation levels <https://app.alphadefi.fund/liq-profile>
 - For Cosmos / ATOM
 - <https://mapofzones.com/> Map of the different Cosmos Zones
 - [Cosmos airdrops](#)
-

NFT (non-fungible tokens)

- [NFT Tools / resources \(by Bankless\)](#)
- <https://cryptoart.io/>
- [Nft investing strategy \(Modern Finance podcast 2021 Aug episode\)](#)
- Generative art NFTs
 - <https://medium.com/collab-currency/punks-squiggles-and-the-future-of-generative-media-d2d3e9df623b>
- NFT data
 - <https://nonfungible.com/market/history>
 - <https://cryptoslam.io/>
 - <https://nftpricefloor.com/>
 - [Dune NFT floor price dashboard](#)
 - <https://solanalysis.com/> for Solana
- [Youtube - Giancarlo Buys Tokens NFT buying strategy](#)

Crypto Twitter (CT) handles to follow

- [HouseOfChimera](#) (research reports)
- [Su Zhu](#) (co-founder of 3 arrows capital)
- [Ryan Selkis](#) (founder of Messari research/data service)
- [Delphi Digital](#) (investing / research company)
- [Do Kwon](#) (founder of Terra)
- [Willy Woo](#) (bitcoin on-chain data analyst)

Governance

[DAOs - the new coordination frontier report](#)

Security

- <https://twitter.com/bobbyong/status/1403881080902471680?>

Development/coding

- <https://cryptozombies.io/> Learn Solidity interactively (similar to codeacademy.com)
- [List of resources \(twitter thread\)](#)
- <https://thirdweb.com/> easy solidity coding
- [Moralis web3 dev platform](#) .
- Terra / Solana / Rust
 - https://youtube.com/playlist?list=PL-1j57N4qflmfGH_WpOyZdLr1xDpNJdWS terra academy
 - Terra dev resources https://twitter.com/eeyernlee/status/1476784810970398720?t=62_DdzW1CZmANKA4Kv8tpw&s=19

Math / cryptography / algorithms

- [How does bitcoin work? \(video by 3blue1brown\)](#)
- [Original bitcoin paper](#) by Satoshi Nakamoto
- How Ethereum works <https://www.preethikasireddy.com/post/how-does-ethereum-work-anyway>
- [Cross-chain communication tradeoffs](#)
- Decentralized storage algos
<https://blog.ethereum.org/2014/08/16/secret-sharing-erasure-coding-guide-aspiring-dropbox-decentralizer/Advanced>
- Layer [2 learning resources](#)
- <https://blog.goodaudience.com/understanding-zero-knowledge-proofs-through-simple-examples-df673f796d99>

Resources in Japanese / 日本語のリソース・コミュニティ or Japan-related

- [Yield Farming Lab イールドファーミングラボ \(Discord\)](#)
- [Go for web3.0 podcast](#)
- https://twitter.com/noritaka_okabe JPYC株式会社 社長
- https://twitter.com/missbitcoin_mai ミスビットコイン
- https://twitter.com/toshiaki_takase NFT情報
- 「お金の未来」<https://gendai.ismedia.jp/list/books/gendai-shinsho/9784065282977>
- [NFTxTokyo meetup \(mostly in English\)](#)