CoinGecko API

The world's most comprehensive cryptocurrency data

www.coingecko.com/api

v1.0

Established since 2014, based in Kuala Lumpur, Malaysia

CoinGecko's mission is to index the cryptocurrency universe

Our market data helps to power some of the Most prominent brands in the industry

TREZOR

MyCrypto

TRUST WALLET

MEW

Etherscan

METAMASK

DappRadar

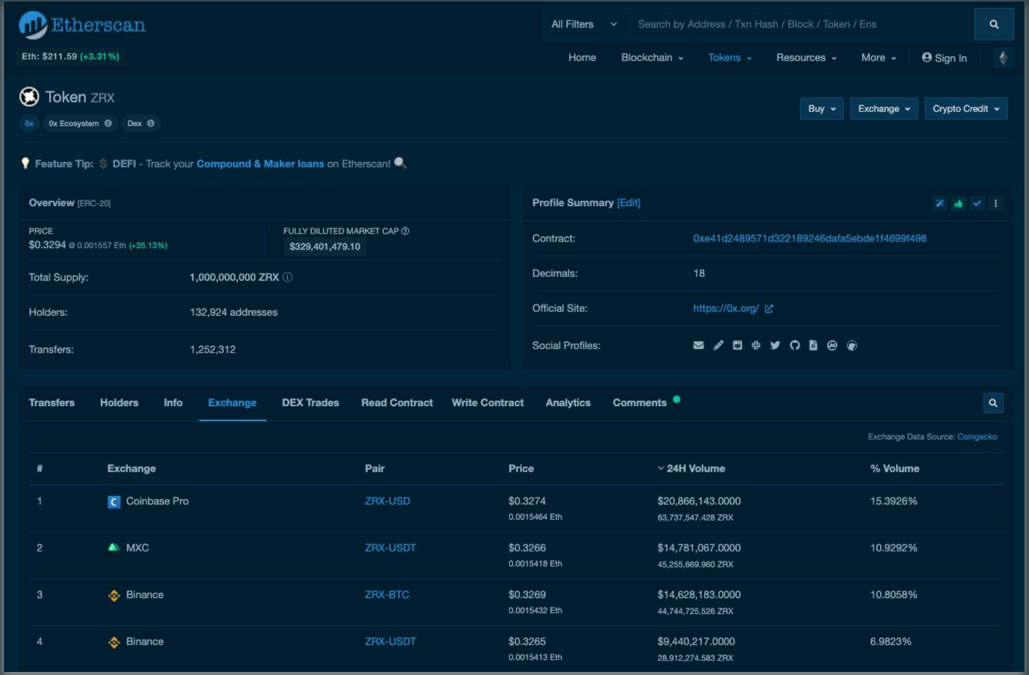
BLOCKCHAIR

kyber network

Case Study

Displaying exchange ticker data for a given cryptocurrency

CoinGecko


Etherscan
All Filters
Search by Address / Txn Hash / Block / Token / Ens
Home
Blockchain
Tokens
Resources
More
Sign In
Buy
Exchange
Crypto Credit
0x
0x Ecosystem
Dex
Transfers
Holders
Info
Exchange
DEX Trades
Read Contract
Write Contract
Analytics
Comments

Eth: $211.59 (+3.31%)

Token ZRX

Feature Tip: $ DEFI - Track your Compound & Maker loans on Etherscan!

Overview [ERC-20]

PRICE
$0.3294 @ 0.001557 Eth (+35.13%)

FULLY DILUTED MARKET CAP
$329,401,479.10

Total Supply: 1,000,000,000 ZRX

Holders: 132,924 addresses

Transfers: 1,252,312

Profile Summary [Edit]

Contract: 0xe41d2489571d322189246dafa5ebde1f4699f498

Decimals: 18

Official Site: https://0x.org/

Social Profiles:

Exchange Data Source: Coingecko

#	Exchange	Pair	Price	24H Volume	% Volume
1	Coinbase Pro	ZRX-USD	$0.3274 0.0015464 Eth	$20,866,143.0000 63,737,547.428 ZRX	15.3926%
2	MXC	ZRX-USDT	$0.3266 0.0015418 Eth	$14,781,067.0000 45,255,669.960 ZRX	10.9292%
3	Binance	ZRX-BTC	$0.3269 0.0015432 Eth	$14,628,183.0000 44,744,725.526 ZRX	10.8058%
4	Binance	ZRX-USDT	$0.3265 0.0015413 Eth	$9,440,217.0000 28,912,274.583 ZRX	6.9823%

> *The CoinGecko data market APIs are a set of **robust APIs** that developers can use to not only enhance their existing apps and services but also to build advanced crypto market apps. The team is also **responsive to feedback** and the occasions that we did these were quickly implemented into their api services.*

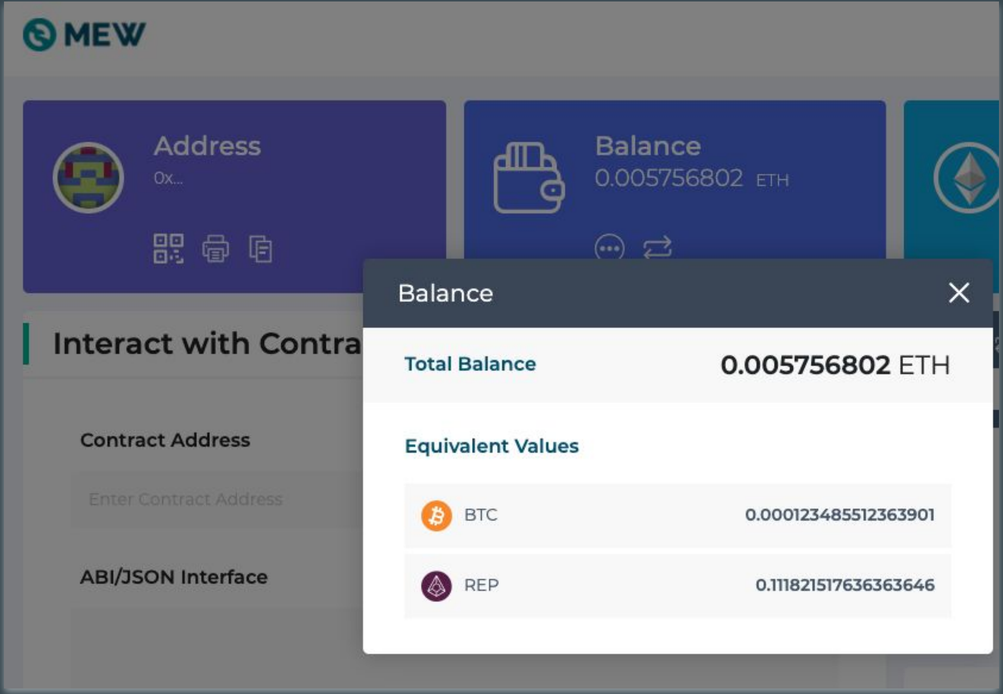
Matthew Tan
CEO, Etherscan

Example Endpoint:
https://api.coingecko.com/api/v3/coins/0x/tickers

Case Study

Display token price using any ERC-20 token address

CoinGecko



Address: 0x...

Balance: 0.005756802 ETH

Balance

Total Balance 0.005756802 ETH

Equivalent Values

BTC	0.000123485512363901
REP	0.111821517636363646

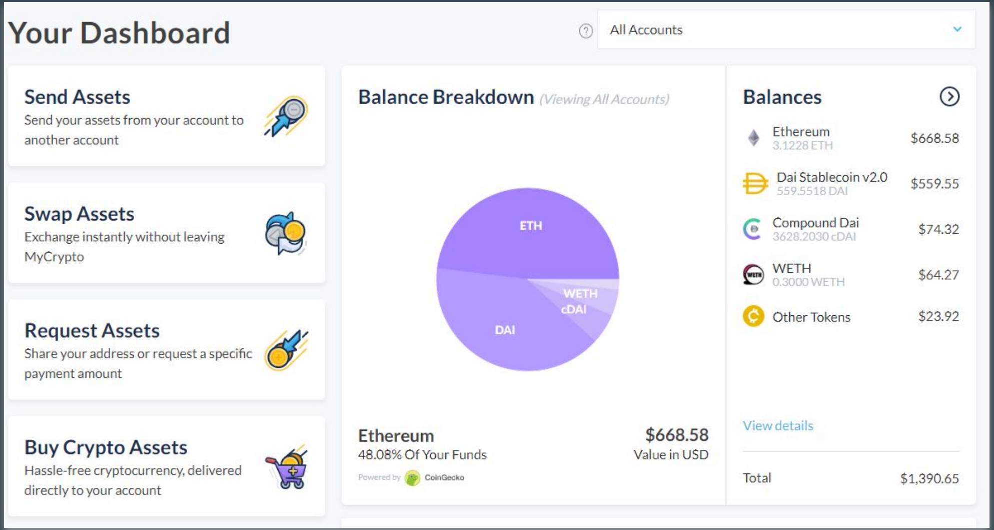
> *Being in crypto space, our users expect us to provide the best service in the space. This includes having **streaming crypto prices**, **price charts** based on different time variations and providing these thousands of data points in a **fast and secure manner**. This is why MEW use coingecko as they are the best in the crypto space for all crypto pricing API needs.*

Kosala
CEO, MyEtherWallet

Example Endpoint:
https://api.coingecko.com/api/v3/simple/token_price/ethereum?contract_addresses=0x6b175474e89094c44da98b954eedeac495271d0f&vs_currencies=usd,eur,gbp

Case Study

Get any token information including image assets



Send Assets
Send your assets from your account to another account

Swap Assets
Exchange instantly without leaving MyCrypto

Request Assets
Share your address or request a specific payment amount

Buy Crypto Assets
Hassle-free cryptocurrency, delivered directly to your account

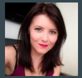
Balance Breakdown *(Viewing All Accounts)*

Ethereum $668.58
48.08% Of Your Funds
Value in USD
Powered by CoinGecko

Balances

Ethereum 3.1228 ETH	$668.58
Dai Stablecoin v2.0 559.5518 DAI	$559.55
Compound Dai 3628.2030 cDAI	$74.32
WETH 0.3000 WETH	$64.27
Other Tokens	$23.92
Total	$1,390.65

> *CoinGecko is one of our favorite teams in this space and using their API has been a huge improvement for our new beta.mycrypto.com. There are few reliable sources of this information and CoinGecko's* ***data is extensive and easy to implement****.*



Taylor Monahan
CEO, MyCrypto

Example Endpoint:
https://api.coingecko.com/api/v3/coins/dai

CoinGecko API
What can you do with it?

CoinGecko

Display Market Data

Get market data & information for over 7000+ cryptocurrencies that we track.

CoinGecko has the most comprehensive index of cryptocurrencies globally.

Multi-currency Rates

Get coin price across more than 40 major fiat currencies.

Major currencies such as USD, EUR, GBP, JPY, CHF, CNY, and more.

Token data using address

You can easily query any token data using an address.

Ethereum only at the moment. Binance Chain, Tron, and other coming soon.

Derivative Data

Access cryptocurrency derivatives such as perpetual contracts and futures.

Access data of major derivative exchanges such as BitMEX, OKex, Huobi, Binance Futures, Deribit, etc.

Analyze Macro Data

Access time series historical data for coins and exchanges.

Use time series data to plot graph or look at long term trends for research purposes.

Exchange Data

Get exchange information and statistical information such as volume, open interest, and tickers list.

We support data from over 400+ exchanges.

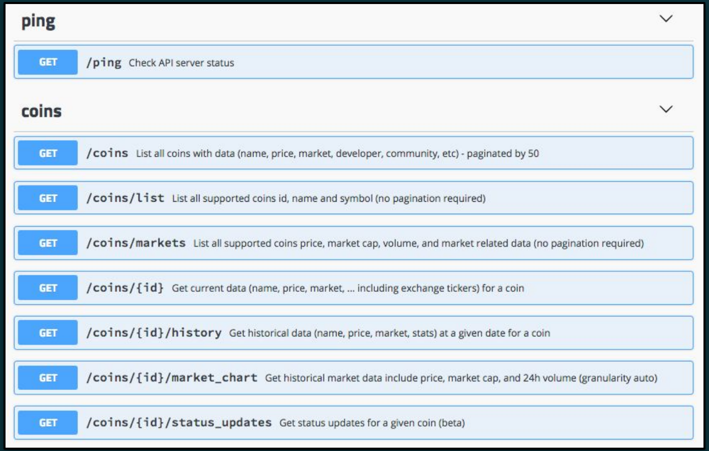
CoinGecko API

What do you get?

Free Plan Available?	Yes
REST API	Access to all API endpoints - Coins - Markets - Exchanges - Events - Status Updates - Derivatives
Calls Per Month	Over 4 million
Requests Limit	100 calls per minutes
Historical Data	Yes

CoinGecko API

Experience it on our API playground



ping

GET `/ping` Check API server status

coins

GET `/coins` List all coins with data (name, price, market, developer, community, etc) - paginated by 50

GET `/coins/list` List all supported coins id, name and symbol (no pagination required)

GET `/coins/markets` List all supported coins price, market cap, volume, and market related data (no pagination required)

GET `/coins/{id}` Get current data (name, price, market, ... including exchange tickers) for a coin

GET `/coins/{id}/history` Get historical data (name, price, market, stats) at a given date for a coin

GET `/coins/{id}/market_chart` Get historical market data include price, market cap, and 24h volume (granularity auto)

GET `/coins/{id}/status_updates` Get status updates for a given coin (beta)

coingecko.com/api

CoinGecko API
API Attributions

CoinGecko

If you choose to integrate CoinGecko data into your app or service, we request that you include a linked attribution to our website.

An example would be adding a **“Powered by CoinGecko API”** link in your app.

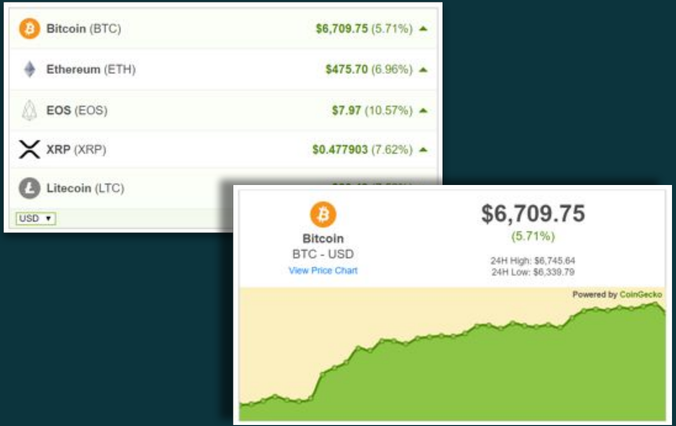
For image assets, you may refer to our branding guide at https://www.coingecko.com/en/branding

CoinGecko API
Terms of Service

CoinGecko API is free and without warranty. Details of the terms of service can be found at https://www.coingecko.com/en/api_terms

CoinGecko API

Don’t want to write code? You can consider widgets!



Bitcoin (BTC) $6,709.75 (5.71%) ▲

Ethereum (ETH) $475.70 (6.96%) ▲

EOS (EOS) $7.97 (10.57%) ▲

XRP (XRP) $0.477903 (7.62%) ▲

Litecoin (LTC)

USD ▾

Bitcoin
BTC - USD
View Price Chart

$6,709.75
(5.71%)
24H High: $6,745.64
24H Low: $6,339.79

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coingecko.com/widgets

Thank You

For any enquiries, reach out to us at
hello@coingecko.com