

# CoinGecko API



[www.coingecko.com/api](https://www.coingecko.com/api)

# Available Endpoints:

All API endpoints are public & free to use!

## Coins

[List](#)  
[Market](#)  
[Tickers](#)  
[Historical Snapshot](#)  
[Chart](#)  
[Status Updates](#)

## Events

[List](#)  
[Countries](#)  
[Types](#)

## Exchange Rates

## Exchanges

[List](#)  
[Tickers](#)  
[Status Updates](#)

## Status Updates


via. [CoinGecko Beam](#)

## Global

# What you can do with the API:

- Display market data alongside your content
- Display additional data (developer, community, status updates) for each token
- Analyze long term macro data for a token or an exchange
- Build a cryptocurrency related app
- Conversion rate across multiple currencies
- Announcements and news directly from project teams

# Comprehensive API:

	CoinGecko 
<b>Free Plan Available?</b>	Yes
<b>REST API</b>	All APIs available (Coins, Markets, Exchanges, Events, Status Updates, etc.)
<b>Calls Per Month</b>	Over 4 million
<b>Requests Limit</b>	100 requests per minute
<b>Historical Data</b>	Yes

Link back or a mention of “**Powered by CoinGecko API**” would be appreciated!

You may refer to our branding guide at <https://www.coingecko.com/en/branding> as a reference.

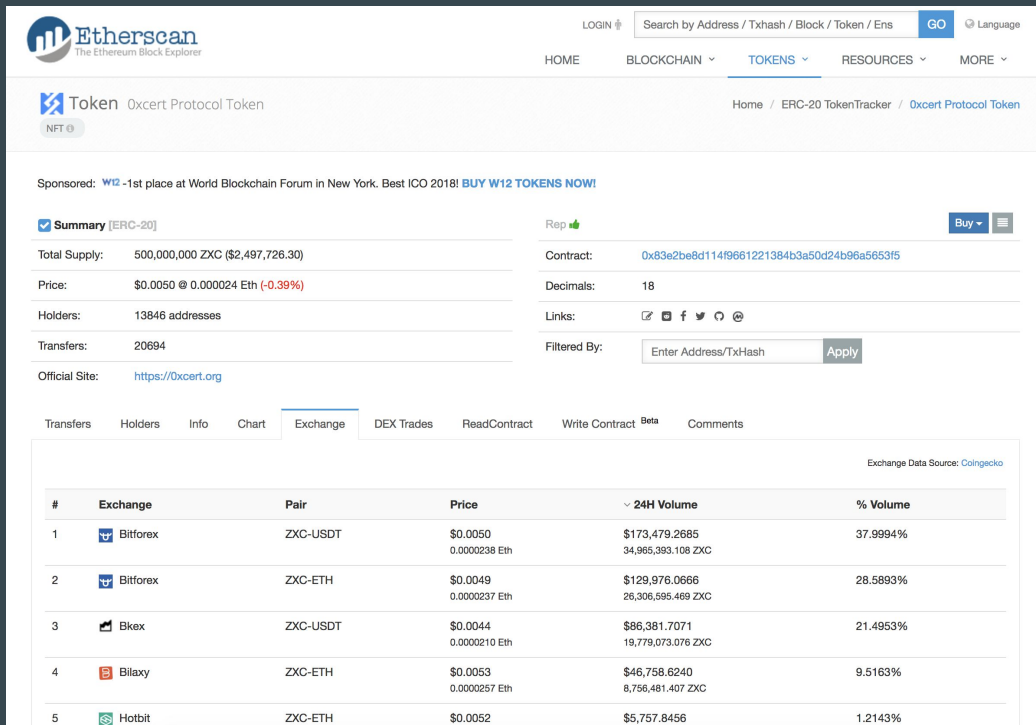
Used by:



TokenMarket



# Use Cases:



The screenshot shows the Etherscan website interface for the 0xcert Protocol Token. The top navigation bar includes a search bar and links to HOME, BLOCKCHAIN, TOKENS, RESOURCES, and MORE. The main content area displays token details such as Total Supply (500,000,000 ZXC), Price (\$0.0050), and Holders (13846 addresses). A summary section on the left provides a quick overview of the token's status. On the right, there are fields for the contract address, decimals, and links to social media. Below the token details, a table shows the exchange data for the token, sourced from CoinGecko. The table lists the top 5 exchanges: Bitfex, Bitfex, Bkex, Bilaxy, and Hotbit, along with their respective trading pairs, prices, and volumes.

#	Exchange	Pair	Price	~ 24H Volume	% Volume
1	Bitfex	ZXC-USDT	\$0.0050 0.0000238 Eth	\$173,479.2685 34,965,393.108 ZXC	37.9994%
2	Bitfex	ZXC-ETH	\$0.0049 0.0000237 Eth	\$129,976.0666 26,306,595.469 ZXC	28.5893%
3	Bkex	ZXC-USDT	\$0.0044 0.0000210 Eth	\$86,381.7071 19,779,073.076 ZXC	21.4953%
4	Bilaxy	ZXC-ETH	\$0.0053 0.0000257 Eth	\$46,758.6240 8,756,481.407 ZXC	9.5163%
5	Hotbit	ZXC-ETH	\$0.0052	\$5,757.8456	1.2143%

Display ticker data from exchanges for a given coin

Example Endpoint:  
<https://api.coingecko.com/api/v3/coins/0xcert/tickers>

# Use Cases:











TokenMarket

TOKENMARKET CAP ICO CALENDAR STO CALENDAR TOKENS AND CRYPTO [new NEWS](#) [new SERVICES](#)

## Crypto currencies by market cap

Search cryptocurrencies... USD ▾

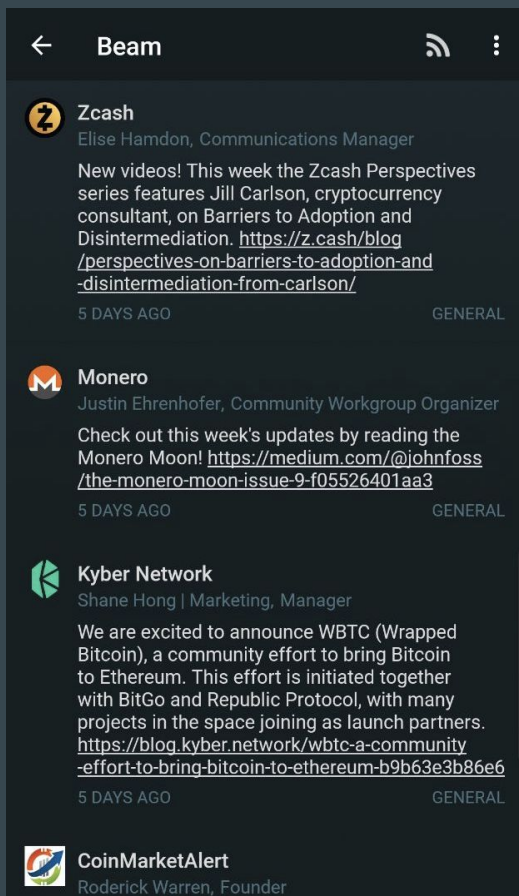
total market cap **\$197,007.62M** volume last 24h **\$10,934.51M**

	Rank	Coin	Price	Volume (24h)	Market Cap	24h	Circulating Supply	Weekly
1		 <b>BTC</b> Bitcoin	6387.37 ▼	2,918.27M	111,130.44M ▼	-0.04% ▼	17,374,875	
2		 <b>ETH</b> Ethereum	208.13 ▼	1,422.29M	21,498.40M ▼	-1.21% ▼	103,185,832	
3		 <b>XRP</b> Ripple	0.51 ▼	715.22M	20,615.16M ▼	-0.64% ▼	40,205,508,733	
4		 <b>BCH</b> Bitcoin Cash	521.26 ▲	1,413.18M	9,078.10M ▲	1.39% ▲	17,456,940	
5		 <b>EOS</b> EOS	5.25 ▼	959.09M	5,354.86M ▼	-2.81% ▼	1,017,814,033	

Full fledge market cap ranking list for cryptocurrencies.

Example Endpoint:  
[https://api.coingecko.com/api/v3/coins/markets?vs\\_currency=usd](https://api.coingecko.com/api/v3/coins/markets?vs_currency=usd)





Display updates directly from teams in the mobile app.

Handy for users who are on-the-go, following their favorite cryptocurrencies.

Example Endpoint:

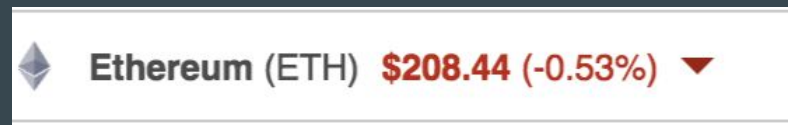
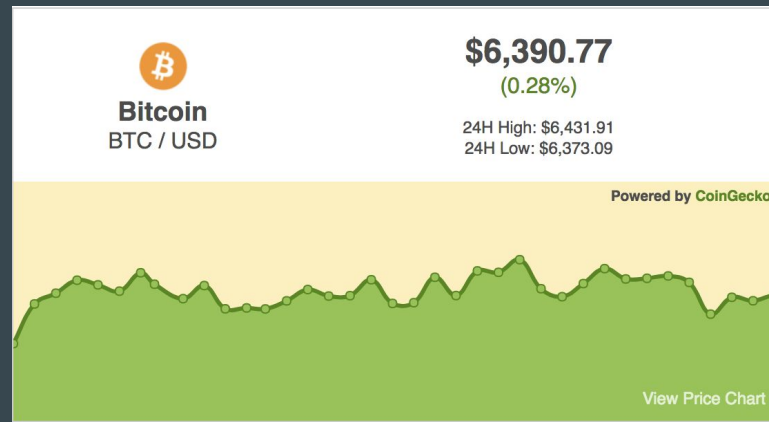
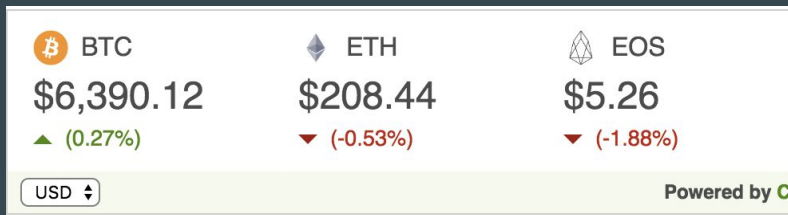
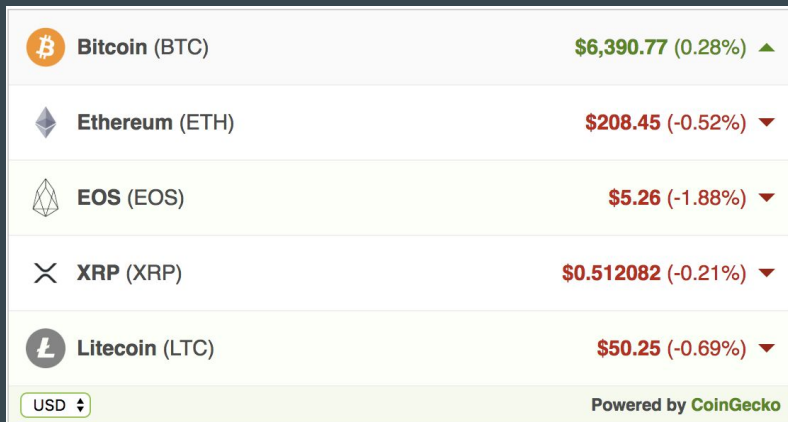
[https://api.coingecko.com/api/v3/status\\_updates](https://api.coingecko.com/api/v3/status_updates)

# EXPERIENCE THE API THROUGH OUR API DOCS

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](https://coingecko.com/api)


# Fast Installation... Widgets!




# Fast Installation... Widgets!

**Beam Updates**Powered by CoinGecko

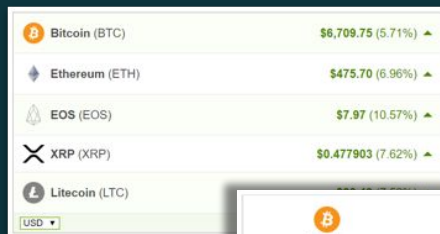
📢 We're pleased to announce the release of #Lisk Mobile 0.5.0. This version introduces a new welcome screen and fixes some bugs to improve your user experience. Download the app and explore now! iOS <http://bit.do/ex5wZ> Android <http://bit.do/ex5wQ>

Thomas Schouten, Head of Marketing Tue, Nov 13, 2018  
 Lisk Software Release






Congratulations to CoinGecko for the rapid expansion of Beam. Our team is honored to be included and we're excited to share \$INSTAR Q4 Roadmap updates and more on CoinGecko!  
<https://twitter.com/instartoken/status/1062347197457489920>

All 

# ***DON'T WANT TO WRITE CODE? ADD OUR WIDGET TO YOUR WEBSITE!***



A screenshot of a CoinGecko widget displaying a list of five cryptocurrencies. Each entry includes a small icon, the name of the cryptocurrency in parentheses, its current price in USD, and its 24-hour percentage change with an upward arrow. At the bottom, there is a dropdown menu currently set to 'USD'.

 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 ▼



[coingecko.com/widgets](https://coingecko.com/widgets)

# API Terms of Service:

API is free and without warranty. Details of the terms of service can be found at [https://www.coingecko.com/en/api\\_terms](https://www.coingecko.com/en/api_terms)