

# cryptocurrency

Cryptocurrency bitcoin price  
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## Cryptocurrency

Dr. Chengdiao Fan, who heads up product, got her PhD from Stanford in Anthropological Sciences (sometimes called Computational Anthropology). She's an expert in how people use technology together, human-computer interaction, and understanding human behavior, with a goal of using blockchain to help people economically and socially around the globe  
<https://top-casino-review.org/>.

At its peak, Pi Coin hit \$2.90, but concerns over regulatory issues (thanks to its referral-based model) and criticism from crypto leaders – like the Bybit CEO calling it a scam – have kept the project under the spotlight for the wrong reasons. The Pi team, though, has consistently denied those accusations.

The live Pi price today is \$1.18 USD with a 24-hour trading volume of \$738,152,672 USD. We update our PI to USD price in real-time. Pi is up 4.43% in the last 24 hours. The current CoinMarketCap ranking is #18, with a live market cap of \$8,406,920,739 USD. It has a circulating supply of 7,116,430,295 PI coins and a max. supply of 100,000,000,000 PI coins.

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Bitcoin is based on revolutionary blockchain technology, where transactions are recorded on a public distributed ledger and are secured by a decentralized network of computers dedicating their computational power to solving cryptographic tasks.

Bitcoin is the easiest cryptocurrency to purchase. Ever since the pizza delivery guy who effectively bought 10,000 BTC for the price of two pizzas, Bitcoin has been an effective peer-to-peer currency – and it can still be purchased in a peer-to-peer fashion.

The Lightning Network uses smart contracts to set up connections between users off the main Bitcoin blockchain, and makes transactions between them using these channels. Users can then close these channels at any time and settle their final balances on the main BTC chain.

The most common reason to fork Bitcoin is to upgrade it, and a fork causes a split in the transaction chain. This creates a development structure and an opportunity to experiment without compromising the 'main' Bitcoin blockchain.

You can buy almost anything with Bitcoin. The cryptocurrency has been around for a long time, and it's only getting more popular as time goes on. You can

purchase items online and in-store, and even use your Bitcoin to purchase an investment property. One of the biggest advantages of using Bitcoin as an online payment method is its anonymity. You can make purchases without having your identity tied to the transaction at all times.

## Bitcoin weighted average price is \$6188,09 But it doesn't cost the same everywhere

Top-10 crypto exchanges where bitcoin is...

...most expensive		...the cheapest	
LocalBitcoins	\$ 9,321.28	BitPay	\$ 6,029.13
Remitano	\$ 8,258.33	Coincap	\$ 6,140.15
WEX	\$ 7,829.00	Kraken	\$ 6,145.60
BitexBook	\$ 7,769.92	Coinroom	\$ 6,146.59
ExtStock	\$ 7,724.25	Quoine	\$ 6,150.13
BitFlip	\$ 7,049.40	GDAX	\$ 6,155.83
LakeBTC	\$ 6,846.80	Gemini	\$ 6,157.46
TrustDEX	\$ 6,792.50	itBit	\$ 6,157.50
BitSquare	\$ 6,693.28	Bitfinex	\$ 6,158.01
WavesDEX	\$ 6,651.20	Bitstamp	\$ 6,160.21

Note: As of July 12, 2018  
Source: CryptoCompare

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With more people entering the world of virtual currency, generating hashes for validation has become more complex over time, forcing miners to invest increasingly large sums of money to improve computing performance. Consequently, the reward for finding a hash has diminished and often does not justify the investment in equipment and cooling facilities (to mitigate the heat the equipment produces) and the electricity required to run them. Popular regions for mining include those with inexpensive electricity, a cold climate, and jurisdictions with clear and conducive regulations. By July 2019, bitcoin's electricity consumption was estimated to be approximately 7 gigawatts, around 0.2% of the global total, or equivalent to the energy consumed nationally by Switzerland.

Some miners pool resources, sharing their processing power over a network to split the reward equally, according to the amount of work they contributed to the probability of finding a block. A "share" is awarded to members of the mining pool who present a valid partial proof-of-work.

Transaction fees (sometimes also referred to as miner fees or gas fees) for cryptocurrency depend mainly on the supply of network capacity at the time,

versus the demand from the currency holder for a faster transaction. The ability for the holder to be allowed to set the fee manually often depends on the wallet software used, and central exchanges for cryptocurrency (CEX) usually do not allow the customer to set a custom transaction fee for the transaction. Their wallet software, such as Coinbase Wallet, however, might support adjusting the fee.

An increase in cryptocurrency mining increased the demand for graphics cards (GPU) in 2017. The computing power of GPUs makes them well-suited to generating hashes. Popular favorites of cryptocurrency miners, such as Nvidia's GTX 1060 and GTX 1070 graphics cards, as well as AMD's RX 570 and RX 580 GPUs, doubled or tripled in price – or were out of stock. A GTX 1070 Ti, which was released at a price of \$450, sold for as much as \$1,100. Another popular card, the GTX 1060 (6 GB model), was released at an MSRP of \$250 and sold for almost \$500. RX 570 and RX 580 cards from AMD were out of stock for almost a year. Miners regularly buy up the entire stock of new GPUs as soon as they are available.