



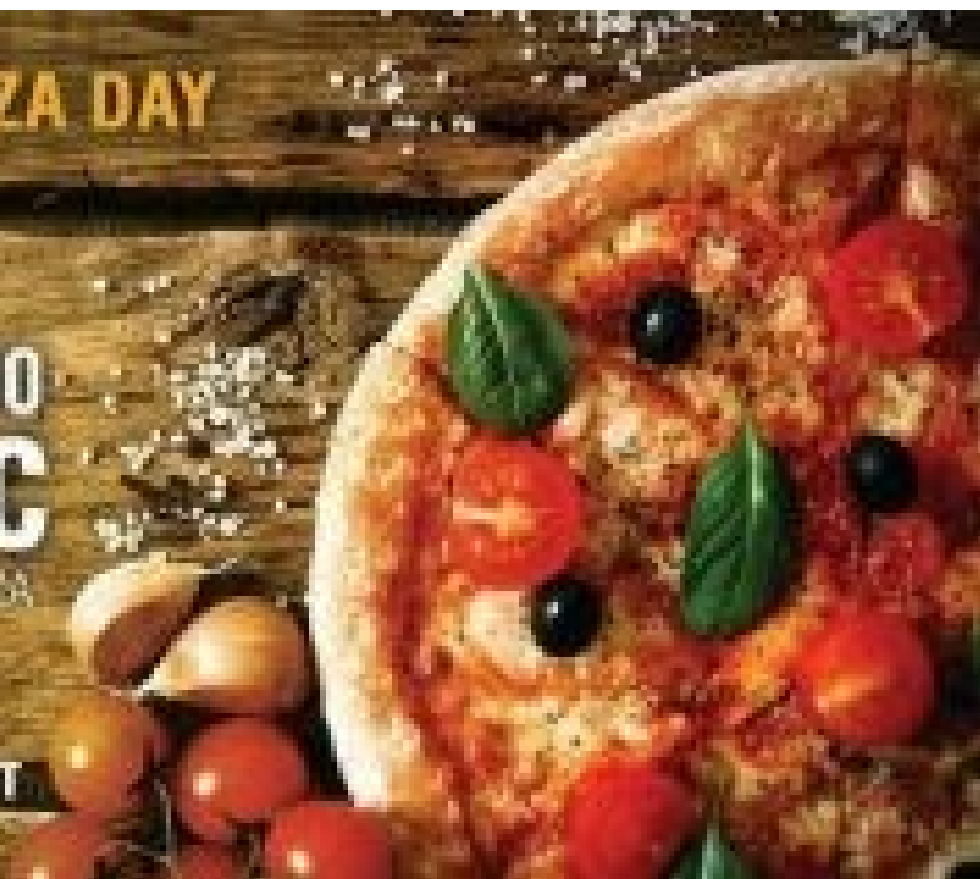
Hikenex

BITCOIN PIZZA DAY

ON MAY 22ND 2010
10,000 BTC

IS WHAT A MAN PAID FOR A PIZZA

WHICH TRANSLATES TO ABOUT
RS. 160 CRORE TODAY.

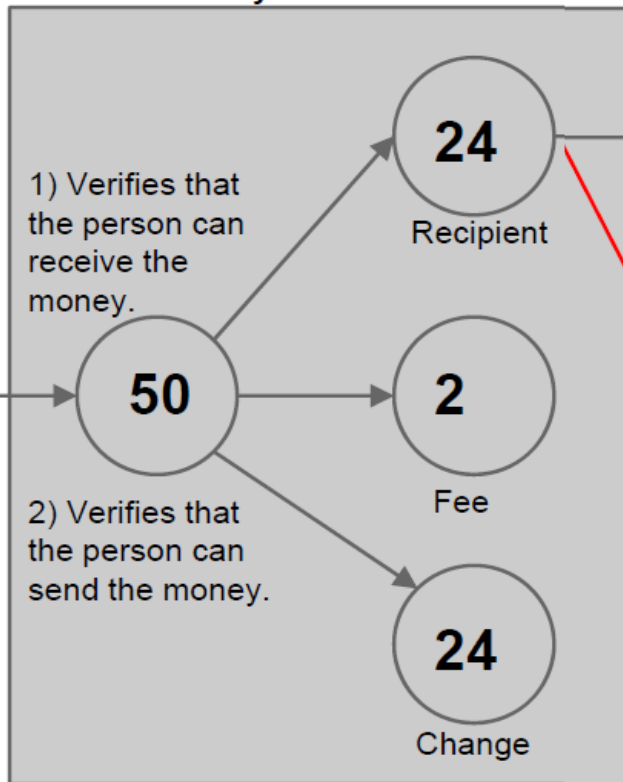


What is Money?

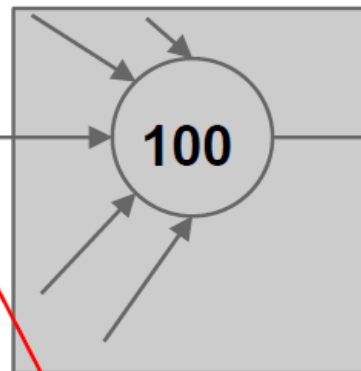
- Physical or Electronic Tokens or Commodities that can be have the following properties:
 - **Unit of Account → defined value**
 - **Medium of Exchange → acceptability**
 - **Store of Value → non-perishable**

Transactions

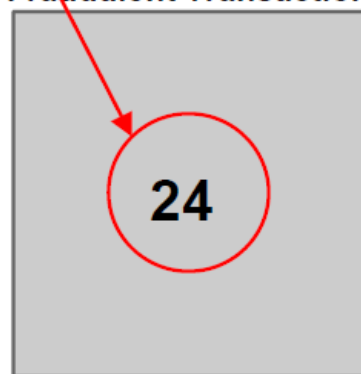
Anatomy of a Transaction



Another Transaction



Fraudulent Transaction



Input contains

- 1) A public key that belongs to the redeemer of the output transaction.
- 2) An ECDSA hash over a hash of the transaction.

Output contains

- 1) The actual amount being sent to the recipient.
- 2) The change amount being sent back to the original sender (if any)
- 3) The voluntary transaction fee attached to the output (if any).

The **block chain** prevents the double spend attack by giving other nodes the power to verify that transaction inputs were not already spent somewhere else.

SatoshiDICE 50% Addresses are identifiers which you use to send bitcoins to another person.



Summary	
Address	1dice97ECuByXAvqXpaYzSaQuPVvrtmz6
Hash 160	06f1b6703d3f56427bfcfd372f952d50d04b64bd
Transactions	
No. Transactions	2207444
Total Received	863,133.62407865 BTC
Final Balance	0.02314104 BTC



Request Payment Donation Button

Transactions (Oldest First)

Filter

b257226550d84cbd8a43e929d7049f2f58299c3bb1c40613f045c6aa83cc73a5	2019-06-18 22:32:49
1M3kkatfhgcTPNACrAfsojKfQs5GaSQ58J	SatoshiDICE 50%
	0.00130233 BTC
	0.00130233 BTC

GLOBAL BITCOIN NODES
DISTRIBUTION

Reachable nodes as of Mon Jul 01 2019 08:52:39
GMT+0700 (Indochina Time).

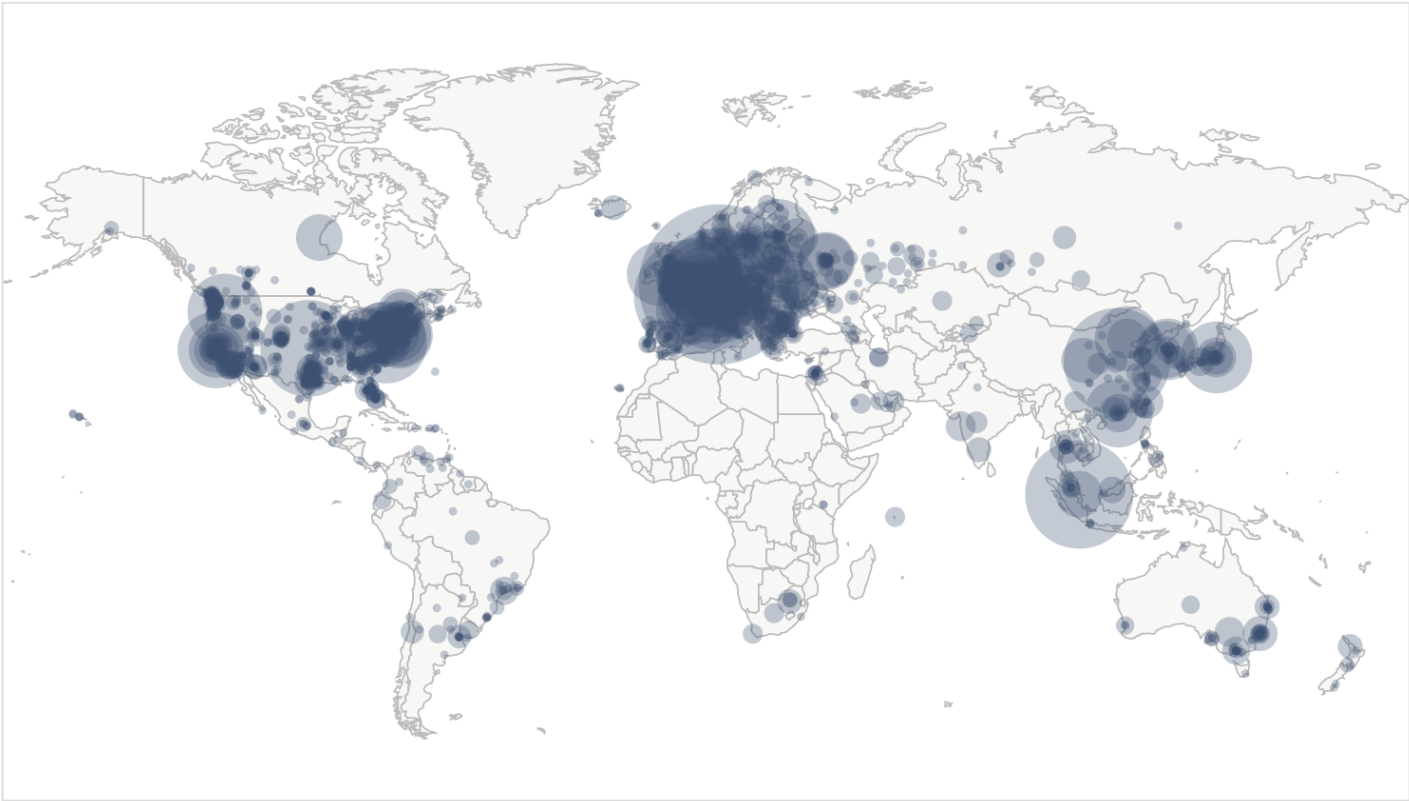
10580 NODES

24-hour charts »

Top 10 countries with their respective number of
reachable nodes are as follow.

RANK	COUNTRY	NODES
1	United States	2463 (23.28%)
2	Germany	1898 (17.94%)
3	n/a	1138 (10.76%)
4	France	579 (5.47%)
5	Netherlands	512 (4.84%)
6	China	429 (4.05%)
7	Canada	339 (3.20%)
8	Singapore	297 (2.81%)
9	United Kingdom	286 (2.70%)
10	Russian Federation	255 (2.41%)

More (104) »

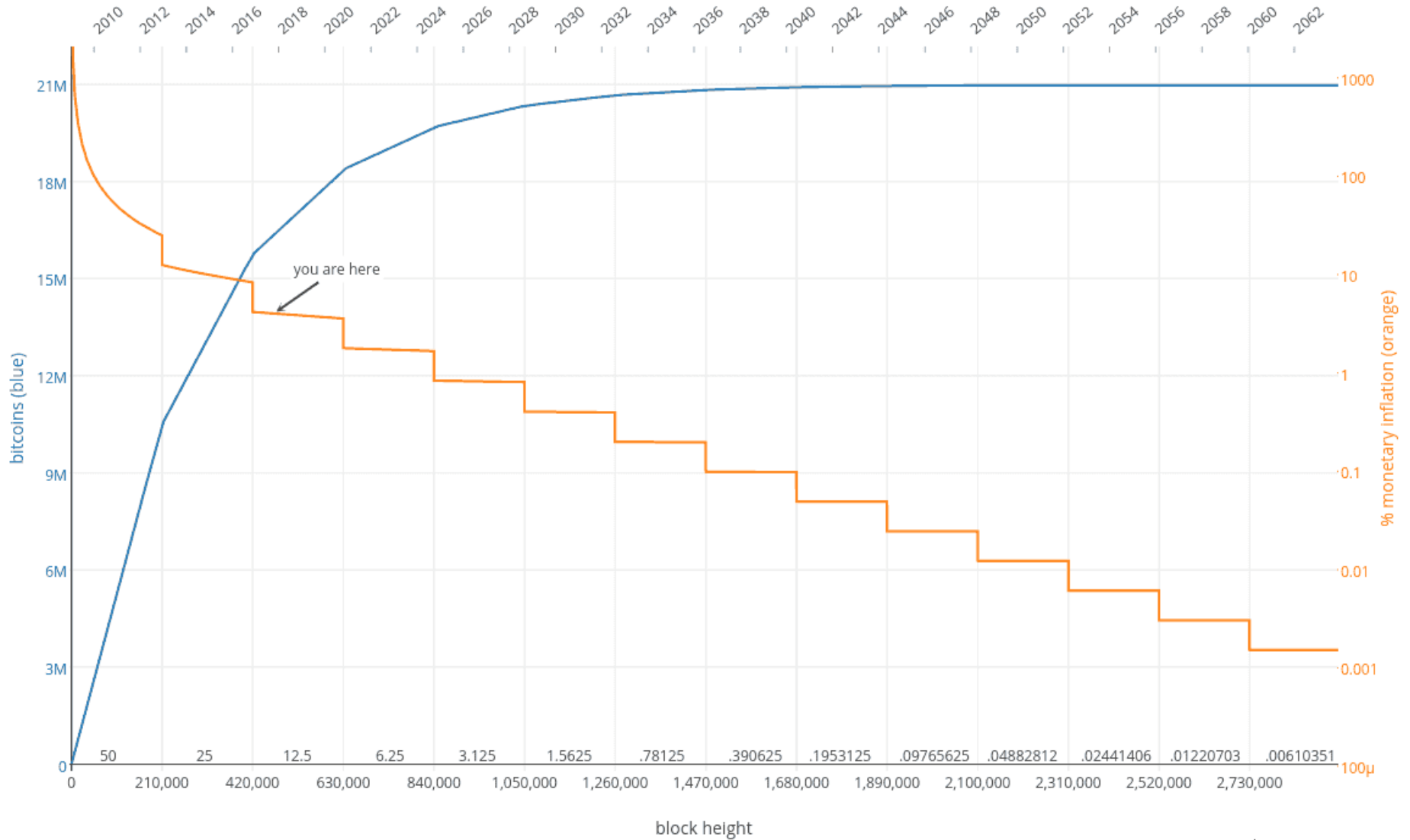


Map shows concentration of reachable Bitcoin nodes found in countries around the world.

LIVE MAP

Height	Block Time	Difficulty	Change	Bits	Average Block	Average Hashrate
582,624	2019-06-27 09:59:30	7,934,713,219,630 - 7.93 T	+ 7.09 %	0x1723792c	09 min 21 s	56.77 EH/s
580,608	2019-06-14 08:03:50	7,409,399,249,090 - 7.41 T	- 0.67 %	0x1725fd03	10 min 04 s	53.03 EH/s
578,592	2019-05-31 05:43:04	7,459,680,720,542 - 7.46 T	+ 11.26 %	0x1725bb76	09 min 00 s	53.36 EH/s
576,576	2019-05-18 15:31:36	6,704,632,680,587 - 6.70 T	+ 0.04 %	0x1729fb45	10 min 00 s	47.98 EH/s
574,560	2019-05-04 15:32:13	6,702,169,884,349 - 6.70 T	+ 5.50 %	0x1729ff38	09 min 29 s	47.96 EH/s
572,544	2019-04-21 08:54:28	6,353,030,562,983 - 6.35 T	- 0.63 %	0x172c4e11	10 min 04 s	45.47 EH/s
570,528	2019-04-07 06:43:43	6,393,023,717,201 - 6.39 T	+ 0.22 %	0x172c071d	09 min 59 s	45.76 EH/s
568,512	2019-03-24 07:24:53	6,379,265,451,411 - 6.38 T	+ 5.11 %	0x172c1f6c	09 min 31 s	45.66 EH/s
566,496	2019-03-10 23:45:04	6,068,891,541,676 - 6.07 T	- 0.05 %	0x172e6117	10 min 00 s	43.44 EH/s
564,480	2019-02-24 23:33:58	6,071,846,049,920 - 6.07 T	+ 0.17 %	0x172e5b50	09 min 59 s	43.45 EH/s
562,464	2019-02-10 23:59:41	6,061,518,831,027 - 6.06 T	+ 4.25 %	0x172e6f88	09 min 36 s	43.38 EH/s
560,448	2019-01-28 13:35:13	5,814,661,935,891 - 5.81 T	- 1.18 %	0x17306835	10 min 08 s	41.59 EH/s
558,432	2019-01-14 09:19:54	5,883,988,430,955 - 5.88 T	+ 4.72 %	0x172fd633	09 min 33 s	42.10 EH/s
556,416	2019-01-01 00:20:09	5,618,595,848,853 - 5.62 T	+ 10.03 %	0x173218a5	09 min 06 s	40.16 EH/s

Bitcoin Monetary Inflation



inflation = coinbase x blocksPerYear / existingCoins

— bitcoins
— % inflation

SATOSHI CONVERTER

1 Satoshi	= 0.00000000 1 BTC
10 Satoshi	= 0.0000000 10 BTC
100 Satoshi	= 0.000000 100 BTC
1,000 Satoshi	= 0.0000 1000 BTC
10,000 Satoshi	= 0.000 10000 BTC
100,000 Satoshi	= 0.00 100000 BTC
1 million Satoshi	= 0.0 1000000 BTC
10 m Satoshi	= 0. 10000000 BTC
100m Satoshi	= 1.00000000 BTC

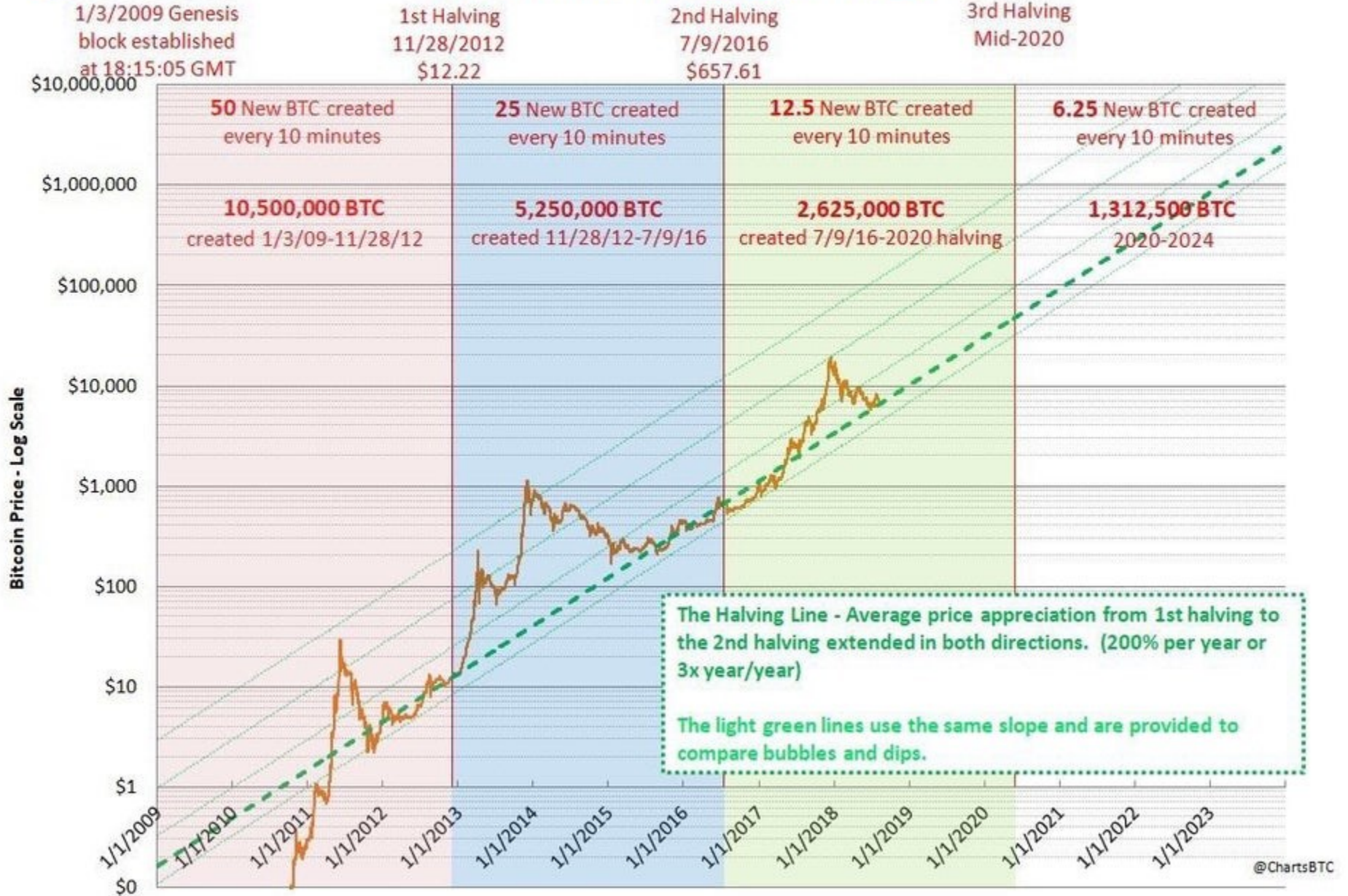


1/3/2009 Genesis
block established
at 18:15:05 GMT

Bitcoin (\$BTC) Price History - Log Scale

With reward halving days marked

August 6, 2018





BITCOIN vs LIBRA



 **Bitcoin**

 **Libra**



CENTRALIZATION

Bitcoin is decentralized.
No single entity controls it.

Facebook and the Libra Association have a large amount of control over the asset and its usage



VALUE

BTC price is not dependent on any single government in the same way seen in fiat currencies

Tied to leading national currencies and other stable financial assets



MONEY SUPPLY

Bitcoin is deflationary, as only 21 million bitcoins will ever exist

Controlled by Libra Association, subject to supply and demand



BLOCKCHAIN TYPE

Blockchain is permissionless; so miners can simply begin mining at their discretion

Initially will run on a permissioned blockchain; miners must seek approval before starting to mine



CryptoPotato

How to get Bitcoin

- Buy
- Mine
- Provide mining pool
- Develop Mining software
- Write webpage/blog
- Ask
- Ransom
- Cheat - Ponzi scheme
- Etc.