



# THE TOP 20 CRYPTOCURRENCIES

## CEO REPORT

12 / 2019

*3 Bit Lab è l'osservatorio di I&B dedicato ai mercati Fintech, Insurtech e Criptocurrency. La partecipazione è aperta a istituzioni e organizzazioni pubbliche e private, imprese industriali, di servizi e finanziarie, banche e assicurazioni.*

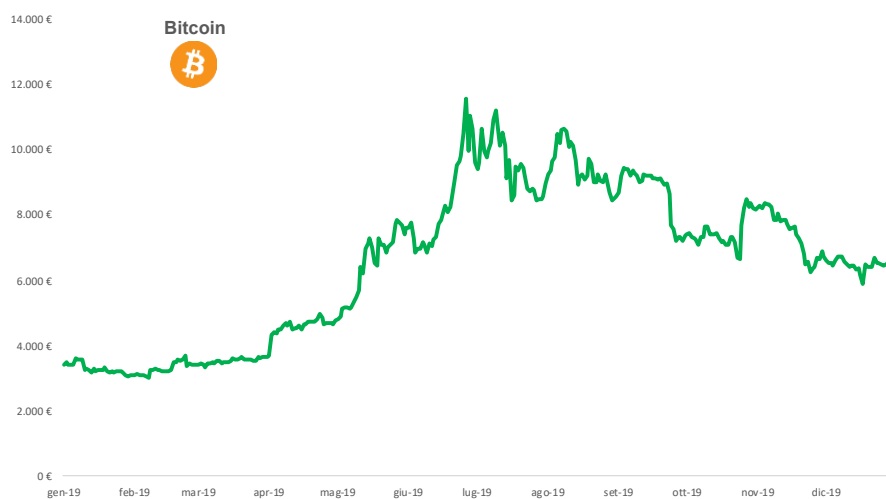
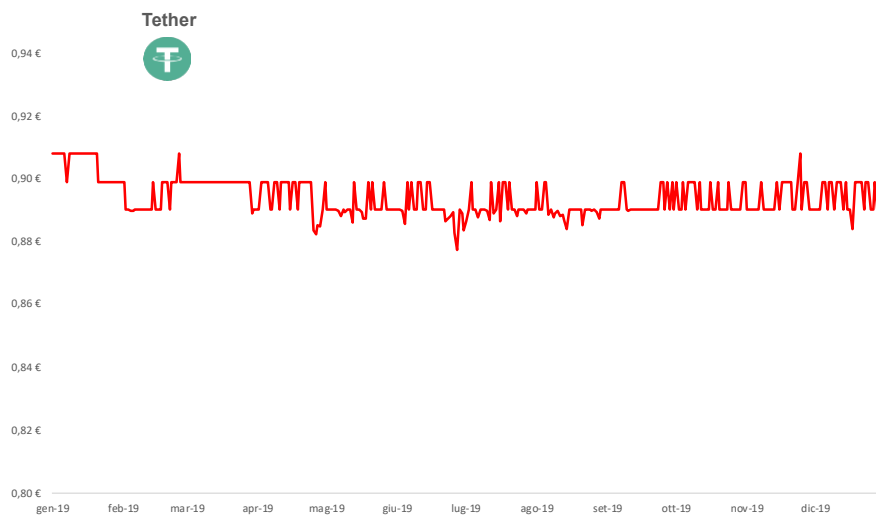
*Dodici anni dopo la nascita del Bitcoin, valuta sviluppata nel 2008 da Satoshi Nakamoto, circolano oggi oltre 2.000 criptovalute.*

*Il Report "The Top 20" presenta mensilmente al Top Management di banche e assicurazioni, per le 20 criptovalute più scambiate nel mondo:*

- *Le Dinamiche di mercato*
- *I Prezzi di mercato*
- *I Volumi di mercato*
- *Le Quote di mercato*

## LE DINAMICHE DI MERCATO

- Tether nel mese di dicembre 2019 passa da € 0,8902 a 0,8899 (-0,03%).
- Bitcoin nel mese di dicembre 2019 passa da € 6.738 a € 6.403 (-4,97%).
- Ethereum nel mese di dicembre 2019 passa da € 135,78 a € 115,37 (-15,03%).



## I PREZZI DI MERCATO

- Il prezzo di ogni criptovaluta è dato dalla quantità di denaro in euro che è necessaria per comprare un'unità di valuta, ovvero un coin.
- Nel corso del mese di dicembre 2019, fra le 20 criptovalute con volumi di scambio maggiori, quindici hanno diminuito il proprio valore: dal -0,03% di Tether al -99,97% di FirmaChain. Quattro criptovalute hanno aumentato il proprio valore: dal +0,01% di TrueUSD al +13,64% di Ethereum Classic.

### Top 20 Cryptocurrencies Report - Prezzi di mercato

# Criptovaluta	31/12/2019	30/11/2019	Variazione	% Variazione
1 Tether	€ 0,88987	€ 0,89015	-€ 0,00029	↓ -0,03%
2 Bitcoin	€ 6.403,42	€ 6.738,14	-€ 334,72	↓ -4,97%
3 Ethereum	€ 115,37	€ 135,78	-€ 20,41	↓ -15,03%
4 Litecoin	€ 36,80	€ 42,26	-€ 5,47	↓ -12,93%
5 EOS	€ 2,30	€ 2,46	-€ 0,16	↓ -6,52%
6 Bitcoin Cash	€ 182,14	€ 194,86	-€ 12,72	↓ -6,53%
7 XRP	€ 0,17171	€ 0,20160	-€ 0,02989	↓ -14,83%
8 TRON	€ 0,01184	€ 0,01380	-€ 0,00196	↓ -14,18%
9 Ethereum Classic	€ 4,01	€ 3,53	€ 0,48	↑ 13,64%
10 OFCOIN	€ 0,00006	€ 0,00012	-€ 0,00006	↓ -52,21%
11 Bitcoin SV	€ 86,42	€ 95,85	-€ 9,44	↓ -9,84%
12 Neo	€ 7,74	€ 8,35	-€ 0,61	↓ -7,36%
13 Qtum	€ 1,43	€ 1,61	-€ 0,18	↓ -11,05%
14 USD Coin	€ 0,89015	€ 0,88807	€ 0,00208	↑ 0,23%
15 Paxos Standard	€ 0,89015	€ 0,89015	€ -	→ 0,00%
16 Dash	€ 36,67	€ 49,16	-€ 12,49	↓ -25,40%
17 XMax	€ 0,00084	€ 0,00114	-€ 0,00030	↓ -26,05%
18 FirmaChain	€ 0,02861	€ 100,08011	-€ 100,05151	↓ -99,97%
19 QCash	€ 0,12788	€ 0,12678	€ 0,00110	↑ 0,87%
20 TrueUSD	€ 0,89015	€ 0,89005	€ 0,00011	↑ 0,01%

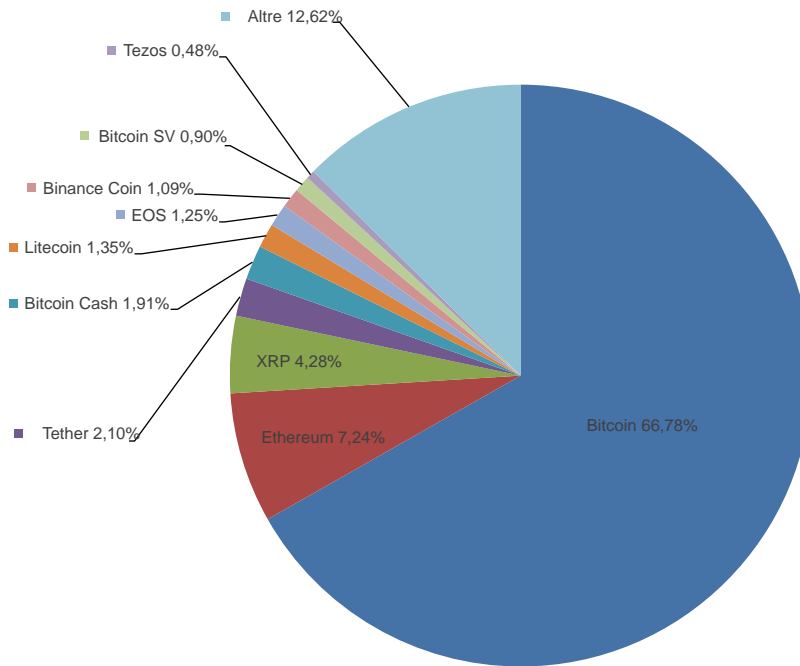
## I VOLUMI DI MERCATO

- Il volume di mercato rappresenta il valore totale delle transazioni eseguite nell'intervallo di tempo di riferimento. Viene indicato con il corrispettivo monetario delle criptovalute scambiate.
- Nel mese di dicembre 2019, tra le 20 criptovalute con volumi di scambio maggiori, quattordici hanno diminuito il transato, con percentuali comprese fra lo -0,27% di Paxos Standard e il -61,92% di FirmaChain. Cinque criptovalute hanno aumentato il transato, con percentuali comprese fra il +1,16% di Ethereum Classic e il +21.297% di OFCOIN. Per Qcash non è disponibile il valore di transato di novembre 2019.
- Tether registra 648,7 miliardi di euro di volume (-3,31%).
- Bitcoin registra 564,2 miliardi di euro di volume (-6,37%).
- Ethereum registra 220 miliardi di euro di volume (-2,27%).

Top 20 Cryptocurrencies Report - Volumi di mercato					
# Criptovaluta	Dicembre 2019	Novembre 2019	Variazione	% Variazione	
1 Tether	€ 648.672.227.445	€ 670.912.472.343	-€ 22.240.244.898	↓	-3,31%
2 Bitcoin	€ 564.171.598.198	€ 602.563.222.049	-€ 38.391.623.851	↓	-6,37%
3 Ethereum	€ 219.972.835.882	€ 225.071.175.798	-€ 5.098.339.916	↓	-2,27%
4 Litecoin	€ 79.180.295.378	€ 85.966.970.944	-€ 6.786.675.566	↓	-7,89%
5 EOS	€ 45.432.464.751	€ 58.930.526.862	-€ 13.498.062.111	↓	-22,91%
6 Bitcoin Cash	€ 40.569.342.394	€ 54.757.114.534	-€ 14.187.772.140	↓	-25,91%
7 XRP	€ 35.887.932.468	€ 48.926.527.846	-€ 13.038.595.377	↓	-26,65%
8 TRON	€ 29.670.489.238	€ 29.227.861.078	€ 442.628.160	↑	1,51%
9 Ethereum Classic	€ 17.289.849.921	€ 17.091.057.818	€ 198.792.103	↑	1,16%
10 OFCOIN	€ 14.018.075.636	€ 65.514.981	€ 13.952.560.655	↑	21296,75%
11 Bitcoin SV	€ 11.506.231.892	€ 14.840.110.424	-€ 3.333.878.532	↓	-22,47%
12 Neo	€ 10.330.142.170	€ 12.404.674.256	-€ 2.074.532.086	↓	-16,72%
13 Qtum	€ 8.248.448.456	€ 9.249.578.115	-€ 1.001.129.659	↓	-10,82%
14 USD Coin	€ 7.848.644.700	€ 6.849.490.071	€ 999.154.629	↑	14,59%
15 Paxos Standard	€ 7.189.462.762	€ 7.208.793.567	-€ 19.330.805	↓	-0,27%
16 Dash	€ 6.997.888.971	€ 9.134.891.879	-€ 2.137.002.908	↓	-23,39%
17 XMax	€ 6.018.969.635	€ 5.867.031.767	€ 151.937.868	↑	2,59%
18 FirmaChain	€ 5.926.711.937	€ 15.564.739.395	-€ 9.638.027.458	↓	-61,92%
19 QCash	€ 5.836.141.598	€ -	€ 5.836.141.598		-
20 TrueUSD	€ 5.655.198.453	€ 6.146.292.762	-€ 491.094.309	↓	-7,99%

## LE QUOTE DI MERCATO

- La capitalizzazione di mercato è calcolata moltiplicando il prezzo della criptovaluta per il numero di unità di valuta spendibili sul mercato.
- A fine dicembre 2019 Bitcoin ha una capitalizzazione di circa 116,2 miliardi di euro. Rappresenta una quota di mercato del 66,78% (+1,20%).
- Ethereum, con una capitalizzazione di circa 12,6 miliardi di euro, rappresenta una quota di mercato del 7,24% (-0,71%).
- XRP, con una capitalizzazione di circa 7,4 miliardi di euro, rappresenta una quota di mercato del 4,28% (-0,42%).



### Top 20 Cryptocurrencies Report - Quote di mercato

# Criptovaluta	Capitalizzazione 31/12/2019	Capitalizzazione 30/11/2019	Quota 31/12/2019	Quota 30/11/2019	Variazione
1 Tether	€ 3.655.620.416	€ 3.663.024.631	2,10%	1,97%	↑ 0,13%
2 Bitcoin	€ 116.117.244.613	€ 121.799.351.121	66,78%	65,58%	↑ 1,20%
3 Ethereum	€ 12.586.581.615	€ 14.766.897.299	7,24%	7,95%	↓ -0,71%
4 Litecoin	€ 2.346.185.605	€ 2.693.764.783	1,35%	1,45%	↓ -0,10%
5 EOS	€ 2.174.863.808	€ 2.313.219.461	1,25%	1,25%	↑ 0,01%
6 Bitcoin Cash	€ 3.314.614.471	€ 3.535.192.124	1,91%	1,90%	↑ 0,00%
7 XRP	€ 7.441.356.143	€ 8.729.139.730	4,28%	4,70%	↓ -0,42%
8 TRON	€ 789.791.058	€ 920.356.652	0,45%	0,50%	↓ -0,04%
9 Ethereum Classic	€ 465.600.520	€ 407.084.039	0,27%	0,22%	↑ 0,05%
10 OFCOIN	€ -	€ -	-	-	-
11 Bitcoin SV	€ 1.561.385.569	€ 1.731.895.320	0,90%	0,93%	↓ -0,03%
12 Neo	€ 545.550.410	€ 588.689.165	0,31%	0,32%	↓ 0,00%
13 Qtum	€ 137.992.192	€ 154.579.984	0,08%	0,08%	↓ 0,00%
14 USD Coin	€ 461.566.998	€ 404.183.237	0,27%	0,22%	↑ 0,05%
15 Paxos Standard	€ 199.608.563	€ 195.159.644	0,11%	0,11%	↑ 0,01%
16 Dash	€ 338.988.302	€ 451.639.164	0,19%	0,24%	↓ -0,05%
17 XMax	€ 15.132.915	€ 20.441.071	0,01%	0,01%	↓ 0,00%
18 FirmaChain	€ -	€ -	-	-	-
19 QCash	€ 39.655.490	€ -	0,02%	-	-
20 TrueUSD	€ 137.491.535	€ 144.824.077	0,08%	0,08%	↑ 0,00%

## DATI CRIPTOVALUTE

3 Bit Lab seleziona le prime 20 criptovalute sulla base dei volumi delle transazioni del mese precedente. I valori di prezzo, capitalizzazione e volume sono rilevati in dollari americani. La conversione in euro viene eseguita considerando l'ultimo tasso di cambio €/€/\$ comunicato dalla BCE del mese di dicembre 2019: 1€ = \$ 1,1234. 3 Bit Lab calcola la capitalizzazione totale del mercato delle criptovalute considerando le prime 1.980 criptovalute per capitalizzazione. Di seguito vengono riportate in ordine alfabetico tutte le valute digitali con il valore di capitalizzazione al 31/12/2019.

#MetaHash €4.476.259; OChain €1.084.237; OX €97.834.858; OXBitcoin €280.174; Oxcert €254.349; 1firstcoin €59.916.009; 1SG €1.401.129; 1World €4.089.902; 2GIVE €33.181; 3DCoin €373.018; 42-coin €710.065; 4NEW €5.150; 999 €440.863.614; Aave €16.553.468; ABBC Coin €72.961.090; Absolute €21.427; Abulaba €146; Abyss Token €1.436.710; AC3 €393.366; Acash Coin €8.080; ACE (TokenStars) €275.960; AceD €24.563; Achain €4.630.757; Acoin €16.879; Actinium €540.192; Acute Angle Cloud €286.449; ADAMANT Messenger €666.354; adbank €181.384; Adelphoi €62.355; AdEx €5.463.152; AdHive €66.399; Aduit €83.863; Adshares €951.719; adToken €2.978.116; AdultChain €6.157; Advanced Internet Blocks €45.383; Advanced Technology Coin €12.632; Adzcoin €31.872; aelf €24.096.618; Aencoin €9.706.255; Aeon €2.107.558; Aergo €2.285.384; Aeron €2.286.910; Aeternity €34.145.999; AgaveCoin €18.676.260; Agora €28.571; Agrello €2.938.293; Agrocoin €6.186.224; Agrolot €11.617; Al Doctor €2.350.735; AICHAIN €339.616; AidCoin €344.577; Aidos Kuneen €30.176.877; AIDUS TOKEN €324.021; Aigang €7.990; AiLink Token €20.061; Aion €18.357.543; Airbloc €1.330.934; AirSwap €2.367.216; AirWire €64.306; Akroma €4.866; Akropolis €694.637; Aladdin €7.837.667; ALAX €37.865; ALBOS €32.315; Alchemint Standards €158.754; Algorand €96.391.684; ALIS €511.998; All Sports €4.143.678; AllSafe €149.372; ALLUVA €58.842; Almeela €301.673; Alpha Coin €10.811; Alpha Token €494.840; Alphacat €481.421; ALQO €529.931; Alt.Estate token €54.247; Ambrosus €1.856.127; Amino Network €1.774.442; AMLT €1.480.605; AMO Coin €2.662.401; Amon €623.118; AmonD €790.863; Amoveo €2.667.910; Ampleforth €1.479.558; AmsterdamCoin €16.250; Anchor €7.254.307; Ankr €5.168.736; ANON €69.038; Anoncoin €36.494; Apex €636.909; APIS €5.233.961; Apollo Currency €8.683.471; Apollon €6.658; AppCoins €2.187.038; APR Coin €42.841; AquariusCoin €95.853; Aragon €11.130.315; ARAW €28.499; Arbidex €81.050; ARbit €5.658; ArbitrageCT €13.400; Arcblock €9.576.519; Ardor €33.905.085; Arepacoïn €33.507; Argus €544; Arion €26.978; Arionum €102.073; Ark €15.053.845; ARPA Chain €5.359.621; Arqma €16.949; Artis Turba €104.391; Aryacoin €368.430; Asch €3.211.225; Asgard €289.701; Asian Dragon €67.645; Asian Fintech €1.761.290; Aston €165.151; Asura Coin €3.569; ATC Coin €1.428.032; Atheios €6.738; ATLANT €1.735.251; Atlantis Blue Digital Token €336.694; Atlas Protocol €8.107.864; ATMChain €418.182; ATN €553.683; Atomic Wallet Coin €535.749; Atonomi €115.507; Auctus €68.553; AudioCoin €188.447; Augur €87.551.035; Aurora €10.284.681; Auroracoin €361.267; Authorship €5.877; Antonio €187.763; Auxilium €170.046; Aventus €426.473; Axe €1.500.931; aXpire €687.153; Azart €265; Azbit €907.776; B2BX €9.723.625; BaaSid €3.960.515; BABB €7.435.081; Banca €324.080; Bancacy €228.464; Bancor €15.849.803; Band Protocol €3.172.100; Bankcoin €62.402; Bankera €26.961.293; BANKEX €565.648; Banyan Network €108.871; Basic Attention Token €229.015.109; Bata €15.209; Bayan Token €162.800; BBSCoin €60.212; Beacon €92.718; Beam €24.346.276; Bean Cash €888.732; BEAT €32.378; BeatzCoin €365.393; Beaxy €1.008.049; Beetle Coin €758.828; Bela €77.232; Beldex €93.783.541; BenjiRolls €2.587; Benz €206; BERNcash €23.748; Bethereum €243.125; BetterBetting €84.142; Bezant €3.285.972; Bezop €120.385; BHEX Token €10.560.819; BHPCoin €14.442.298; BiblePay €243.942; Bibox Token €8.404.507; BidiPass €3.613.181; Bigbom €130.221; Binance Coin €1.900.616.317; Binance USD €15.188.294; BioCoin €420.598; Bionic €12.349; Biotron €6.925; Birake €180.461; Birdchain €170.891; Bismuth €1.065.901; Bit-Z Token €20.332.453; BitBall €158.496; BitBar €58.387; BitBay €2.623.317; Bitblocks €1.208.064; Bitbook Gambling €49.047.609; bitBTC €51.009; BitCapitalVendor €5.419.426; BitCash €193.951; BitClave €44.722; Bitcloud €36.829; bitCNY €6.277.866; BitCoal €579; BitCoen €36.730; Bitcoïn €13.512; Bitcoin €116.117.244.613; Bitcoin 2 €25.861.064; Bitcoin 21 €12.437; Bitcoin Adult €7.157; Bitcoin Atom €577.836; Bitcoin Cash €3.314.614.471; Bitcoin CZ €210.744; Bitcoin Diamond €53.218.511; Bitcoin Fast €71.729; Bitcoin Gold €82.576.113; Bitcoin Incognito €272.573; Bitcoin Interest €523.556; BitCoin One €29.506; Bitcoin Plus €449.605; Bitcoin Private €436.554; Bitcoin Red €15.510; Bitcoin Rhodium €2.412.421; Bitcoin Scrypt €85.374; Bitcoin SV €1.561.385.569; Bitcoin Token €2.892; Bitcoin Turbo Koin €55; Bitcoin X €824; Bitcoin Zero €53.554; BitcoinHD €16.801.633; BitcoiNote €17.533; Bitcoinus €8; BitcoinZ €483.137; Bitcore €1.944.330; BitCrystals €698.883; BitDegree €197.484; BitDice €1.701.386; Bitether €79.913; bitEUR €106.150; Bitex Global XB Coin €152.638; Bitfex €434.713; BitForex Token €28.849.543; bitGold €23.897; BitGreen €824.176; BitGuild PLAT €13.424; bitJob €16.278; BitKan €9.720.645; BitMart Token €2.195.622; BitMax Token €28.547.940; BitMoney €2.121; Bitnation €42.192; BitNewChain €1.409.122; Bitpanda Ecosystem Token

€242.862; Bitradio €87.276; BitRent €20.140; BitRewards €20.890; Bitrue Coin €5.620.353; BitScreener Token €114.340; Bitsdaq €1.198.552; BitSend €95.390; BitShares €35.983.307; bitSilver €13.181; Bitspace €836; Bitstar €95.738; BitStash €23.042; BitStation €24.610; Bitsum €7.747; BitTorrent €54.130.102; BitTube €2.090.061; Bittwatt €332.823; bitUSD €1.256.405; Bitvolt €2.173; BitWhite €21.221; Bitzeny €41.155; BlackCoin €2.037.237; Blackmoon €4.364.157; Blakecoin €12.377; BLAST €20.016; BlitzPredict €106.022; BLOC.MONEY €53.193; Block Array €9.006; Block-Chain.com €768.867; Block-Logic €73.527; Blockburn €105.804; BlockCAT €77.926; Blockchain Certified Data Token €766.197; Blocklancer €15.208; Blockmason Credit Protocol €2.068.902; BlockMesh €122.473; Blocknet €3.376.544; Blockparty (BOXX Token) €163.942; Blockpass €204.575; Blockport €2.354.473; BlockStamp €9.277.611; Blocktix €185.590; Blocktrade Token €1.968.749; BLOCKv €2.170.082; Bloom €1.188.622; Blox €4.061.919; Blue Protocol €242.540; Blue Whale EXchange €1.389.074; BlueCoin €110.967; Bluzelle €2.968.445; BnkToTheFuture €7.805.490; BoatPilot Token €52.019; Bob's Repair €242.051; Bolivarcoin €79.926; BOLT €2.290.927; BOMB €489.153; Bonpay €65.056; BonusCloud €918.643; Boolberry €1.463.510; BOOM €643.414; BoostCoin €14.427; BORA €4.161.038; BOSAGORA €6.246.180; BOScoin €4.535.137; Bottos €1.403.456; botXcoin €37.210.915; Bounty0x €220.403; BoutsPro €160.271; BowsCoin €7.183; BOX Token €2.708.712; BQT €9.727.409; Bread €19.317.358; Breezecoin €41.360.716; BriaCoin €19.852; Brickblock €1.633.779; Bridge Protocol €74.220; BridgeCoin €3.331; BrokerNekoNetwork €847; BROTHER €511; BTC Lite €22.747; BTCtalkcoin €33.908; BTU Protocol €8.159.926; Buggyra Coin Zero €30.742.921; Bulleon €12.775; Bulwark €277.156; BumbaCoin €2.339; BunnyToken €6.166; Burst €6.660.300; Business Credit Alliance Chain €141.007; Business Credit Substitute €295.265; BUZZCoin €128.049; Bytecoin €46.871.185; Bytom €58.591.607; BZEdge €290.199; BZLCOIN €6.826; Cabbage €4.316; CaixaPay €85.881; Cajutel €1.704.698; Californium €12.381; Callisto Network €1.029.699; CannabisCoin €544.128; Cannation €2.918; CanonChain €1.493.530; CanYaCoin €1.387.229; Cappasity €592.508; Capricoin €49.153; Carboncoin €78.097; Carboneum [C8] Token €384.259; Cardano €758.034.856; Cardstack €548.792; Carebit €18.351; CargoX €1.938.015; Carry €5.035.287; carVertical €1.101.323; Cashaa €3.685.291; Cashbery Coin €64.523; CashBet Coin €1.191.856; Cashcoin €41.087; Cashpayz Token €55.689; CasinoCoin €36.466.682; Caspian €2.505.195; Castle €67.079; Catex Token €353.154; CatoCoin €6.181; CCUniverse €43.117; CDMCOIN €14.790; CDX Network €50.009; CEEK VR €1.102.263; Celer Network €11.511.725; Centauri €37.605; Centrality €89.887.816; Centurion €4.972; CFun €49.850; Chainlink €551.286.233; ChainX €3.998.371; Change €2.076.953; ChatCoin €857.968; Cheesecoin €16.622; ChessCoin €41.528; Chiliz €23.741.746; Chimpion €7.668.635; Chromia €1.663.982; Chronobank €887.923; Chronologic €95.521; Cindicator €9.952.583; Citadel €16.153; Civic €10.954.878; Civitas €104.383; Clams €2.071.037; ClearPoll €68.173; Clipper Coin €23.184.885; CloakCoin €3.056.708; Cloudbric €491.602; Cobinhood €133.893; Cocos-BCX €8.834.221; Coin Lion €271.059; Coin2.1 €20.185; Coinchase Token €61.499; Coineal Token €605.216; CoinEx Token €10.357.519; CoinFi €220.714; Coinlancer €76.259; CoinMetro Token €320.297; Coinonat €1.671; CoinPoker €1.403.539; Coinsuper Ecosystem Network €527.652; Cointorox €735; CoinUs €96.015; Color Platform €2.321.289; ColossusXT €1.499.643; Colu Local Network €412.474; Comet €3.499; CommerceBlock €2.107.401; Commersium €64.495; CommunityGeneration €26.863; Conceal €488.471; Concoincoin €338; Connect Coin €46.015; ConnectJob €29.429; Constant €2.249.447; Constellation €8.782.874; Content Neutrality Network €1.425.131; Content Value Network €2.322.378; ContentBox €2.343.221; Contentos €5.596.993; Contents Protocol €4.366.439; CONUN €8.195.648; COPYTRACK €455.911; Cortex €8.365.985; COS €881.203; Cosmo Coin €3.494.089; Cosmos €715.754.979; COTI €1.376.173; CoTrader €321.375; Couchain €6.043; Counos Coin €60.433.083; Counterparty €3.344.026; COVA €430.531; Covesting €1.185.760; CPChain €1.313.747; CPUchain €7.354; Cream €86.641; Cred €11.323.067; CREDIT €112.949; Credit Tag Chain €2.868.466; Creditbit €8.659; Credits €11.644.947; Credo €1.213.999; CrevaCoin €2.395; CROAT €80.544; Crowd Machine €180.114; Crowdholding €36.754; CrowdWiz €23.822; Crown €786.545; CryCash €227.736; CryptalDash €980.901; Cryptaur €1.562.715; Crypterium €29.199.954; CrypticCoin €366.532; Crypto Sports €531.925; Crypto.com Coin €379.482.709; CRYPTO20 €12.904.736; CryptoAds Marketplace €47.734; CryptoBonusMiles €144.042; CryptoCarbon €121.722; Cryptocean €1.107.069; CryptoFlow €5.891; CryptoFranc €9.132.656; Cryptoindex.com 100 €28.604.413; Cryptojacks €34.186; Cryptonex €95.211.740; Cryptonite €45.944; Cryptopay €986.126; CryptoPing €235.470; CryptoSoul €21.941; CryptoVerificationCoin €23.950.474; Cryptrust €7.786; Crystal Clear €7.106; Crystal Token €7.670; Cube €1.766.124; Cubiex €261.177; Curecoin €660.839; CustomContractNetwork €3.925; CUTcoin €4.895.093; CVCoin €390.100; CWV Chain €2.656.933; Cyber Movie Chain €14.397; CyberFM €14.841; CyberMiles €7.547.025; CyberMusic €975.308; CyberVein €4.473.066; CYBR Token €284.769; CYCLEAN €45.565; DABANKING €739.353; Dach Coin €15.561; DACSEE €986.048; DAEX €803.848; Dalecoin €4.086; Daneel €26.309; DAO.Casino €3.567.356; DAOstack €4.361.390; DAPS Coin €2.503.051; Darcus €183.954; Darico Ecosystem Coin €1.844.482; Dash €338.988.302; Dash Green €1.517; DATA €2.121.167; DaTa eXchange €1.056.763; Data Transaction Token €101.401; Datacoin

€20.588; Datarius Credit €37.669; Datawallet €326.637; Datum €590.513; DATx €285.879; Davinci Coin €7.353.212; DDKoin €3.805.032; DECENT €1.154.329; DecentBet €369.052; Decentraland €28.173.482; Decentralized Asset Trading Platform €8.211; Decentralized Crypto Token €1.119; Decentralized Machine Learning €13.937; Decision Token €4.100; DECOIN €475.583; Decred €161.326.174; DeepBrain Chain €2.294.485; DeepOnion €2.008.918; DEEX €643.913; Delphy €829.680; DeltaChain €2.682; Denarius €534.586; Dent €11.241.336; Dentacoin €20.436.142; Dero €2.412.576; Desire €11.177; Dether €170.854; Deutsche eMark €72.087; DeVault €9.622; Devery €111.886; DeviantCoin €139.563; DEX €3.102.627; Diamond €1.184.456; Diamond Platform Token €16.330.929; DigiByte €59.591.901; Digital Asset Guarantee Token €2.616.024; Digital Gold €152.814; Digital Insurance Token €434.656; Digital Money Bits €20.393; DigitalBits €2.455.223; Digitalcoin €99.434; DigitalNote €3.305.423; Digitex Futures €26.227.238; Digiwage €6.025; Digix Gold Token €4.800.887; DigixDAO €31.643.588; Dignity €437.241; DIMCOIN €65.543; Dimecoin €623.762; Dimension Chain €57.688.372; Dinastycoin €371.111; Dinero €1.146; district0x €2.789.315; Divi €16.470.506; DMarket €8.144.998; DNotes €352.698; doc.com Token €3.102.156; Dock €3.987.412; Doge Token €32.577; DogeCash €32.632; Dogecoin €221.544.449; Dollar International €18.386; Dollarcoin €10.123; DomRaider €562.606; DopeCoin €187.097; DOS Network €1.382.354; Dovu €252.869; DOWCOIN €40.977; DPRating €304.123; DraftCoin €45.171; Dragon Coins €14.201.889; Dragon Option €11.082; Dragonchain €5.756.703; Dreamcoin €11.994; DreamTeam Token €2.397.264; Dropil €5.541.983; DubaiCoin €249.473; Dusk Network €6.869.374; DxChain Token €39.282.362; Dynamic €523.424; Dynamic Trading Rights €22.759.612; Dynamite €232.243; Dystem €4.379; e-Chat €3.312; e-Gulden €977.520; EagleX €12.900; ebakus €680.662; EBCoin €898.109; eBitcoin €420.910; eBoost €280.843; ECC €1.601.237; EchoLink €634.592; Ecobit €1.945.280; Ecoreal Estate €27.143.841; EDC Blockchain €15.312.009; Eden €1.840.142; Edge €2.761.751; Edgeless €791.284; EDRCoin €58.200; EDUCare €46.089.281; Education Ecosystem €764.717; Effect.AI €1.096.913; Egretia €5.135.908; Eidoo €8.744.557; Einsteinium €6.578.872; ELA Coin €3.857.235; Elastos €22.395.334; Elcoin €42.357; Electra €4.630.631; Electrify.Asia €239.950; Electroneum €30.658.959; electrumdark €5.844; Elementum €30.159; Elementrem €11.744; Elite €364.858; Elitium €6.963.882; Ellaism €24.795; Elliot Coin €4.951; Elrond €9.921.472; ELTCOIN €7.478; Elysian €60.125; Emerald Crypto €132.484; Emercoin €3.030.650; Eminer €2.018.148; Emirex Token €10.610.741; Emphy €46.168; EncrypGen €781.305; EncryptoTel [WAVES] €106.576; Endor Protocol €2.023.227; Enecuum €665.138; Energi €43.288.116; EnergiToken €261.031; Energo €199.270; Energycoin €141.028; Engagement Token €26.170; Enigma €24.423.586; Enjin Coin €56.075.694; EnterCoin €26.505; Envion €11.244.735; EOS €2.174.863.808; EOS Force €3.354.435; EOS TRUST €8.675; eosDAC €1.233.641; EOSDT €1.582.829; Equal €187.476; ERC20 €1.715.697; Ergo €2.335.168; Eristica €209.800; Eroscoin €251.079; ESBC €464.470; Escroco Emerald €4.009; ESCX Token €4.978; eSDChain €53.220; Espers €462.563; Esporbts €2.459.992; Essentia €255.600; Eterbase Coin €1.311.649; ETERNAL TOKEN €38.269.881; Eternity €7.893; Ether Kingdoms Token €17.415; Ether Zero €2.272.422; Ether-1 €171.919; Ethereum €12.586.581.615; Ethereum Cash €39.259; Ethereum Classic €465.600.520; Ethereum Gold Project €45.134; Ethereum Meta €114.736; EthereumX €10.253; EtherGem €47.459; EtherInc €22.279; Etheroll €1.559.797; Etherparty €2.304.809; Ethersocial €124.173; EtherSportz €69.984; Ethouse €101.236; ETHplode €46.978; EUNO €158.394; EUNOMIA €21.119; EURBASE €2.789.988; Eurocoin €12.419; EurocoinToken €59.651; Eva Cash €2.367; Evedo €27.867; EvenCoin €254.792; EventChain €62.563; Everex €4.679.363; EverGreenCoin €301.657; Everipedia €6.372.714; EveriToken €22.683; Everus €9.370.659; EveryCoin €1.945.278; Evil Coin €38.842; EVOS €7.469; ExclusiveCoin €222.860; EXMO Coin €2.965.696; EXMR FDN €4.121.224; Exosis €29.521; Expanse €408.386; eXPerience Chain €696.141; Experience Points €1.495; Experty €376.347; EXRNchain €1.177.422; EZOOW €13.369; Fabric Token €36.463; FABRK €52.135.240; Faceter €764.584; Factom €17.406.360; FansTime €492.045; Fantasy Sports €18.159; Fantom €17.492.706; FarmaTrust €524.210; Fast Access Blockchain €977.003; Fatcoin €1.716.239; Feathercoin €2.070.158; FedoraCoin €171.499; Ferrum Network €625.222; Fetch.ai €21.797.247; FIBOS €10.174.418; FidentiaX €185.401; FidexToken €7.729; Fiii €83.274; Fintab €7.648; FintruX Network €655.288; Fire Lotto €37.892; FirstBlood €6.836.566; FirstCoin €81.672; Fivebalance €12.045; Flash €2.189.629; FLETA €2.468.380; Flexacoin €35.411.113; FLIP €454.970; Flixco €462.717; FLO €2.878.610; Flowchain €1.069.369; FlypMe €269.418; FNB Protocol €3.596.382; FNKOS €687.319; FOAM €3.956.301; FORCE €104.056; FortKnoxster €228.527; Fortuna €257.970; Fountain €996.817; Fox Trading €10.932; FREE Coin €528.566; Freicoins €142.570; Freyrchain €32.995; Friendz €867.092; FSBT API Token €243.905; FTX Token €185.426.348; FujiCoin €158.181; Function X €6.674.063; FundRequest €25.140; FunFair €18.665.353; Fusion €4.346.739; FUTURAX €1.768; Futurepia €2.167.079; FuzeX €568.633; FuzzBalls €16.142; Galactrum €13.864; Galilei €71.134; GAMB €356.807; Game.com €2.206.359; GameCredits €2.408.878; GAPS €55.058.601; Garlicoin €30.651; Gas €8.184.858; Gatechain Token €14.076.238; GCN Coin €87.709; Gemini Dollar €3.405.724; Gems €165.839; Genaro Network €1.193.709; Gene Source Code Chain €703.926; General Attention Currency €15.417.584; Genesis Vision



€3.783.031; GenesisX €45.110; Gentarium €78.016; GeoCoin €535.153; GET Protocol €2.872.499; Gexan €20.496; GeyserCoin €8.756; Giant €82.883; Gifto €4.928.117; GINcoin €37.039; Global Awards Token €166.208; Global Cryptocurrency €2.150.067; Global Currency Reserve €1.976.799; Global Digital Content €1.700.582; Global Social Chain €1.560.158; GlobalBoost-Y €416.213; GlobalToken €43.381; GMB €1.860.014; Gnosis €11.092.863; GNY €23.913.833; GoByte €146.118; GoChain €8.597.013; GoCrypto Token €5.804.453; GoHelpFund €15.553; Gold Bits Coin €1.884.574; Gold Poker €11.237; GoldBlocks €29.485; GoldCoin €588.707; GoldenPyrex €161.156; GoldFund €160.654; GoldMint €287.717; Golem €25.346.795; Golos €215.344; GoNetwork €433.660; GoPower €38.564; Gossipcoin €12.123; GoWithMi €7.700.465; Graft €233.737; Gratz €9.359; Graviocoin €422.720; Gravity €102.129; GravityCoin €73.017; GreenPower €9.596.828; Grid+ €1.358.448; GridCoin €693.851; Grimcoin €4.753; Grin €25.528.732; Groestlcoin €10.353.101; Guaranteed Ethurance Token Extra €19.578; GuccioneCoin €31.905; Guider €13.194; Gulden €2.695.657; GXChain €21.569.805; Hacken €360.756; Halo Platform €1.028.250; Happycoin €697.473; Harmony €13.960.594; HarmonyCoin €71; HashBX €754.070; HashCoin €629.439; Hashgard €1.554.847; HashNet BitEco €188.050; Haven Protocol €1.833.611; Havy €9.802; HBZ coin €1.295.054; HeartBout €102.536; HEAT €432.560; Hedera Hashgraph €17.664.284; HedgeTrade €443.615.604; Helium €101.519; Hellenic Coin €121.780; HelloGold €143.439; Helper Search Token €3.913; Helpico €9.380; HempCoin €204.495; Herbalist Token €11.726; HEROcoin €297.848; HeroNode €66.285; Hi Mutual Society €2.405.995; HiCoin €881.954; High Performance Blockchain €2.750.173; High Voltage €7.369; HireGo €2.369; Hiveterminal Token €539.307; HOLD €391.159; HollyWoodCoin €1.505; Holo €90.680.595; Honest €238.388; HOQU €214.218; Horizen €66.217.322; HorusPay €178.597; HoryouToken €637.438; Howdoo €524.046; HTMLCOIN €3.945.782; Hubii Network €1.817.729; Humaniq €1.089.633; Humanscape €2.151.233; Huobi Pool Token €21.996.017; Huobi Token €590.129.709; Hurify €21.110; Hush €262.285; Hxro €2.568.858; HYCON €3.346.644; Hydro €6.716.254; Hydro Protocol €1.361.819; Hyper Speed Network €137.930; HyperCash €43.691.769; Hyperion €19.599.099; HyperQuant €38.379; HYPNOXYS €21.997; I/O Coin €1.441.483; iBank €2.957; iBTC €2.419; ICE ROCK MINING €1.017.419; ICO OpenLedger €18.365; ICOBID €7.967; ICOCalendar.Today €2.230; ICON €51.796.806; Iconic €4.159; Iconiq Lab Token €406.154; iDealCash €93.557; IDEX €3.722.661; IDEX Membership €168.494; iEthereum €432.661; iExec RLC €29.041.301; Ifoods Chain €224.677; IG Gold €994.551; Ignis €14.836.201; Ignition €105.060; IGTOKEN €23.780; IHT Real Estate Protocol €960.223; ILCoin €16.076.675; ImageCoin €1.497.249; imbrex €102.970; Impleum €16.803; Incent €4.156.250; Incodium €11.960; indaHash €993.999; Independent Money System €7.521; INDINODE €6.127; Indorse Token €122.613; Infinitecoin €533.840; Infinitus Token €676.110; InflationCoin €30.255; Ink €786.964; Ink Protocol €188.663; INLOCK €2.278.985; INMAX €66.965; Innova €35.563; InnovativeBioresearchClassic €1.826; INO COIN €224.188.689; InsaneCoin €37.021; Insight Chain €156.980.765; Insights Network €1.803.023; Insolar €6.285.392; Insureum €929.408; INT Chain €5.664.779; Intelligent Trading Foundation €29.301; IntelliShare €1.807.521; InterCrone €28.415; InternationalCryptoX €30.236; Internet of People €395.450; Internxt €350.740; InterValue €41.247; Invacio €67.646; InvestFeed €37.332; Invictus Hyperion Fund €4.438.464; ION €428.302; IONChain €870.490; IOST €49.817.888; IoT Chain €7.839.235; IOTA €396.208.789; IoTeX €16.295.979; IOTW €81.673; IP Exchange €221.719; IPChain €1.350.680; IQ.cash €2.993; IQeon €1.811.011; Iridium €29.947; IRISnet €8.533.700; Italian Lira €30.902; Italo €26.189; iTicoin €19.202; Iungo €18.023; Ivy €1.432.370; Ixcoin €364.616; IXT €176.656; Japan Content Token €37.537; Jarvis+ €135.990; JavaScript Token €4.659; JET8 €226.734; Jetcoin €31.219; Jewel €27.161.563; Jibrel Network €3.629.603; Jiyo [OLD] €40; Joincoin €6.577; Joint Ventures €26.517; Joule €33.726.346; JSECOIN €56.285; KAASO €38.181; Kalkulus €52.524; Kambria €1.056.016; KanadeCoin €312.390; Karatgold Coin €63.126.597; Karbo €351.828; KARMA €446.445; Kava €8.932.701; Kcash €1.787.544; KekCoin €232.390; KickToken €11.346.431; Kin €3.529.525; Kind Ads Token €34.369; Kleros €1.457.582; Klimatas €6.244; Knekted €44.096; Kobocoin €52.334; Kolion €379.949; Komodo €52.153.407; Kora Network Token €11.617; Kryll €1.042.339; Kuai Token €1.224.816; KuCoin Shares €66.666.281; Kuende €16.919; Kurrent €27.725; Kuverit €51.605; KWHCoin €12.512; Kyber Network €28.178.164; KZ Cash €17.833; LALA World €214.599; Lambda €15.774.874; Lamden €2.372.678; Lampix €101.523; LanaCoin €84.074; LATOKEN €31.848.602; LBRY Credits €7.231.228; Leadcoin €57.107; Lendingblock €888.118; LEOcoin €802.371; Lethan €145.290; Level Up Coin €43.022; Leverj €942.528; Levolution €6.745.094; LHT €2.317.179; LIFE €492.290; Lightning Bitcoin €4.696.440; Lightpaycoin €10.015; LikeCoin €2.178.134; Limitless VIP €80.690; LINA €5.683.855; Linfinity €128.112; LINKA €3.465.385; Linkey €1.904.161; LinkEye €1.541.727; LiquidApps €3.093.249; Liquidity Network €396.591; Lisk €60.194.696; Lisk Machine Learning €1.122.707; LiteBitcoin €4.376; Litecoin €2.346.185.605; Litecoin Cash €3.575.192; Litecoin Plus €35.203; Litecoin Ultra €3.301; LitecoinToken €840; Litecred €7.984; LiteDoge €24.214; Litex €1.881.410; Lition €429.221; LNX Protocol €303.001; Lobstex €299.040; LocalCoinSwap €465.624; LOICoin €25.234; LockTrip €5.661.321; Locus Chain €1.911.371; Loki €15.502.330; LoMoCoin €130.502; Loom Network €13.365.937; Loopring €18.131.971; Loopring [NEO] €1.011.220; LoyalCoin €2.347.918;

LRM Coin €445; LTO Network €6.920.063; LuckySevenToken €14.843.139; LUNA €66.293.059; Luna Coin €16.169; Lunes €295.561; Lunyr €1.615.755; LUXCoin €876.438; Lykke €2.355.568; Lympo €1.813.176; Machine Xchange Coin €1.743.969; Maecenas €839.947; Magi €180.289; Magic Cube Coin €16.626; MaidSafeCoin €31.788.305; Maincoin €188.489; Mainframe €6.753.126; Mainstream For The Underground €11.102; Maker €383.625.280; Mallcoin €297.589; Manna €64.553; Mao Zedong €253.305; MargiX €748.279; MARK.SPACE €446.480; MarteXcoin €27.131; Masari €201.645; MassGrid €1.213.636; Master Contract Token €101.426; MASTERNET €5.374; Matchpool €105.640; Matic Network €31.330.153; Matrexcoin €181.803; Matrix AI Network €5.742.736; Matryx €367.163; Maverick Chain €270.437; Max Property Group €373.841; Maxcoin €153.488; Maximine Coin €60.766.717; MB8 Coin €6.208.062; Mcashchain €799.680; MCO €56.582.774; Measurable Data Token €3.843.875; MediBloc €6.042.846; MediBloc [ERC20] €9.928.722; Medicalchain €765.594; MedicCoin €35.780; MediShares €2.388.677; MEET.ONE €921.501; Megacoin €46.707; Melon €3.230.336; Membrana €204.863; Memetic / PepeCoin €248.644; MenaPay €1.299.679; Menlo One €105.417; Merculet €343.635; Mercury €230.487; Merebel €510.399; MesChain €108.181; MESG €384.930; Metadium €4.351.713; Metal €11.674.745; MetaMorph €116.528; Metaverse ETP €27.245.913; Metrix Coin €978.040; Metronome €3.411.066; MEXC Token €10.796.265; MFCoin €114.451; MIB Coin €200.806; MicroBitcoin €9.126.074; Micromines €9.437; MicroMoney €49.449; MidasProtocol €575.062; MiloCoin €7.219; Mincoin €67.030; Mindexcoin €310.024; MINDOL €474.014.250; MineBee €41.111.985; Minereum €60.062; Miners' Reward Token €152.796; MintCoin €1.627.931; MintMe.com Coin €43.959; MIR COIN €1.627.203; Mirai €2.202; Mithril €4.503.430; Mithril Ore €135.133; Mixin €73.042.868; MktCoin €54.369; MMOCoin €146.240; MNPCoin €8.561; MOAC €12.707.945; Mobile Crypto Pay Coin €33.311; MobileGo €1.102.593; Mobius €1.888.448; MODEL-X-coin €52.465; Moeda Loyalty Points €8.468.123; Moin €23.839; MojoCoin €12.581; Molecular Future €66.803.295; MonaCoin €44.662.434; Monarch €77.531; Monero €689.499.178; Monero Classic €4.542.540; MonetaryUnit €766.093; Monetha €3.555.681; MoneyNet €177.888; MoneyToken €951.556; Monkey Project €176.170; Monoeci €6.295; Monolith €5.657.905; Mooncoin €3.525.069; More Coin €53.908; Morpheus Labs €1.274.194; Morpheus.Network €3.766.174; Moss Coin €3.141.416; Motocoin €298.033; MovieBloc €4.904.216; MoX €1.931; MTC Mesh Network €527.359; MultiVAC €1.422.658; MustangCoin €9.104; MVL €2.226.557; MX Token €16.202.101; MyBit €61.096; Myriad €1.207.172; Mysterium €944.489; MyWish €56.236; NAGA €1.344.752; Naka Bodhi Token €696.648; Namecoin €6.156.350; NANJCOIN €290.419; Nano €76.429.211; NaPoleonX €3.189.121; Narrative €4.919; Nasdaccoin €800.741; Nash Exchange €29.205.178; NativeCoin €1.193.848; Natmin Pure Escrow €13.096; NavCoin €5.388.133; Naviaddress €35.596; nDEX €2.929; Neblio €5.335.571; Nebula AI €483.615; Nebulas €16.626.973; Nectar €4.739.656; Nekonium €3.841; NEM €257.303.864; Neo €545.550.410; NeoWorld Cash €1.148.974; NEOX €42.535; Nerva €202.655; Nestree €784.323; Netbox Coin €381.786; Netko €104.816; NetKoin €21.124; Netrum €77.412; Neumark €3.417.662; Neural Protocol €9.477; NeuroChain €401.828; Neurotoken €801.171; Neutral Dollar €72.503; Neutron €323.991; NevaCoin €13.635; Network €638.888; Newscrypto €1.633.502; Newton €16.450.283; Newton Coin Project €66.726; NewYork Exchange €8.993.928; NewYorkCoin €695.803; Nexo €47.312.404; NEXT €28.089.208; Next.exchange €472.107; Nexty €3.137.354; Nexus €10.091.339; Nexxo €139.577; Nimiq €1.405.363; Niobio Cash €59.101; Niobium Coin €1.519.211; Nitro €18.693; NIX €1.646.712; NKN €7.159.794; No BS Crypto €37.633; Noah Coin €44.377.055; NOIA Network €442.550; Noir €310.971; Noku €458.457; NoLimitCoin €272.321; nOS €684.387; Novacoin €770.311; NOW Token €143.486; NPCoin €12.942.879; NuBits €488.254; Nucleus Vision €4.107.418; Nuggets €481.605; NULS €14.578.314; Numeraire €12.462.102; 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