

<https://www.bpost.be/en/cryptostamp>

## Crypto stamp – Discover some definitions

NFT	<p>Non-fungible token: a blockchain-based token representing a unique asset.</p> <p>This could be a piece of art, a piece in a game, a piece of clothing in a virtual world or a digital cinema ticket.</p>
SMART CONTRACT	<p>A self-executing program that automates the actions required in a blockchain transaction. In some cases it may be linked to an NFT. The unique thing about a smart contract is that, while there are two or more parties no one needs to draw it up. The code decides what happens and this cannot be reversed.</p>
WALLET	<p>This can be compared to an email address. It's where you store your NFTs. You can give everyone access to your wallet. In that case everyone can see what's inside. The opposite is a private wallet, which only the owner can see.</p>
ETHEREUM	<p>A blockchain network that smart contracts can be run on. Most NFTs make use of the Ethereum network.</p> <p>Ethereum can be seen as the new internet. It is a decentralised network for decentralised apps (dApps) built by means of smart contracts. In theory the possibilities are endless.</p>
OPENSEA	<p>Currently, the biggest NFT marketplace. Ethereum blockchain and the Polygon network NFTs can be traded on OpenSea. The biggest collections right now have all been built on OpenSea and many feel it's the go-to destination for NFTs.</p>
HASH	<p>Comparable to a digital fingerprint, a hash identifies a text string or a file by means of a set of numerals. If two files or text strings have the same hash value they are almost certainly identical.</p> <p>Hashing means assign a numeric or alphanumeric string to a piece of data by applying a function whose output values are all the same number of bits in length. It is a method of cryptography.</p>
BLOCKCHAIN	<p>A system in which a record of transactions is maintained. These transactions can vary. They may be anything from payments in crypto to the exchange of important data such as contracts, diplomas or proof of ownership.</p> <p>What they all have in common is that the data blocks are digitally signed by the two parties without the involvement of a third party and immediately stored in the database.</p>

BLOCK	<p>A block is a unit of data from several transactions. Blocks are made by miners, who use specialised software to solve complex mathematical problems to validate transactions and add them to the blockchain.</p> <p>Each block can be seen as a page in a ledger. The individual blocks are made up of various components. They can be split into block headers and block bodies.</p>
CRYPTO STAMP	<p>A physical stamp and its digital twin. The digital twin is stored on the blockchain.</p>
ASSET	<p>Property regarded as having value.</p>
CRYPTOCURRENCY (CRYPTO)	<p>A digital currency in which transactions are verified and records maintained by a decentralised system using cryptography, rather than by a centralised authority.</p>
PHYGITAL	<p>A contraction of physical and digital. The blending of offline and online experiences. An example is someone looking up information online when they are out shopping.</p> <p>It involves drawing on the best of both worlds to deliver a unique interactive service or experience to customers.</p>
BORED APES	<p>An NFT collection of 10,000 profile pictures of cartoon apes with personalised features. Each ape is different and some are harder to find than others.</p>
CRYPTOPUNKS	<p>An NFT collection of 10,000 uniquely generated characters. The attributes of each CryptoPunk, such as hairstyle, clothing and accessories, are unique. Some attributes are less common than others and so are more valuable.</p>
MiCA	<p>Regulation (EU) 2023/1114 of the European Parliament and of the Council of 31 May 2023 on markets in crypto-assets.</p>
TAMPER PROOF	<p>Made so that it cannot be interfered with or changed.</p>
HTML	<p>Hypertext Markup Language, a standardised system for tagging text files to achieve font, colour, graphic and hyperlink effects on World Wide Web pages.</p>
PHP	<p>A popular general-purpose scripting language that is especially suited to making dynamic webpages. PHP is unavoidable for programmers, system administrators and marketers.</p>
MACHINE LEARNING	<p>Use and development of computer systems that are able to learn and adapt without following explicit instructions.</p>



TOKEN	A sequence of numerals or characters that is secret and sometimes unique. The person in possession of a correct token most likely hasn't guessed it, which is proof that the token can be trusted.
dAPP	An app stored on the blockchain and run from there. The data generated by users is also stored on the blockchain. This means the app is decentralised, which is what the "d" in dApp stands for.
DAO	A decentralised autonomous organization, which means there is no centralised leadership.
DEFI	Decentralised finance. This runs on blockchain technology, where every user on the network stores a copy of the transaction history on the network. As a consequence, control is exercised jointly by all computers on the network rather than centrally.
METAVVERSE	A virtual-reality space in which users can interact with a computer-generated environment and other users by means of avatars. Users can move between virtual worlds and play games with each other. They can also design and sell virtual items and more.
LEDGER	The collection of transactions.
NODE	An intersection point in a data communication network. All pieces of equipment that are accessible on a network are considered to be nodes.
SEED PHRASE	A sequence of 12 to 24 random words that are an uncoded form of the private key. That's because words are easier for people to remember than numbers.
CUSTODIAN	A person who has responsibility for or looks after something on someone else's behalf.
HOT/COLD WALLET	A wallet is hot when it is connected to internet. Examples include Bittrex and Coinbase. These are brokers that buy and sell or store crypto. The biggest difference between a hot wallet and a cold wallet is that the latter is physical. It is a piece of hardware that you hook up to your computer with a cable or by Bluetooth. That means it is not connected to internet. That makes it more secure but not necessarily better.