

Non-Fungible Tokens (NFTs): An Overview

Definition and Non-Fungibility

Non-fungible tokens (NFTs) are **unique digital assets** recorded on a blockchain. Unlike cryptocurrencies (which are *fungible* – e.g. one Bitcoin equals another) investopedia.com, each NFT has its own distinct identifier and metadata. In practice, an NFT is a cryptographic token that certifies ownership of a specific item (such as a digital artwork, video, collectible, or virtual plot) investopedia.com trustwallet.com. Because they are non-fungible, NFTs cannot be exchanged on a one-to-one basis like dollars or Bitcoins. Investopedia explains that NFTs “shift the crypto paradigm” by making each token “unique and irreplaceable” – essentially **digital passports** that carry a one-of-a-kind identity on the blockchain investopedia.com trustwallet.com. In other words, whereas two \$10 bills are identical in value, two NFTs are never identical in data or ownership record, which is why *non-fungibility* matters: it enables true digital uniqueness, provenance, and verifiable scarcity (traits useful for art, collectibles, and asset ownership) investopedia.com

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How NFTs Work (Blockchain Technology)

NFTs are created (“minted”) and managed via blockchain technology. **Minting** an NFT means publishing its data (such as artwork or asset data) into a block on a blockchain. A new block is generated, the NFT’s information is validated by network validators, and a smart contract records the token’s unique ID and ownership details on-chain investopedia.com. Each NFT token is associated with a specific blockchain address (the owner’s address) and a *token ID*, which together point to the underlying asset. Once minted, the NFT’s ownership, metadata (like the creator, asset URL, and properties), and transaction history are permanently and publicly recorded. For example, Ethereum’s ERC-721 and ERC-1155 standards define how NFTs are implemented on that blockchain, including on-chain links to the digital asset and rules for

transferring ownership. Because the blockchain is immutable, anyone can verify the NFT's authenticity and ownership, but only the current private key holder can transfer or sell it. This process ensures that even if multiple tokens represent the same artwork (like multiple prints of a photo), each token is uniquely numbered and tracked – none can be duplicated or forged investopedia.com investopedia.com .

When an NFT is traded (sold or transferred), a smart contract on the blockchain updates the ownership ledger. The buyer's address is recorded as the new owner, and the transaction is broadcast and confirmed by the network. In most cases today, NFTs live on energy-intensive blockchains: for example, early NFTs on Ethereum relied on its proof-of-work consensus (until Ethereum's 2022 "Merge"). However, new layers and alternative blockchains (like Solana, Tezos, Flow, Polygon, and Ethereum's PoS network) offer NFT issuance with much lower energy use. The core idea remains: a blockchain provides the secure, transparent "bookkeeping" that makes each NFT verifiable and unique.

Major Use Cases

NFTs have rapidly found use in many fields. Key applications include:

- **Digital Art and Collectibles:** Artists and creators mint NFTs to sell digital artworks, illustrations, music, or videos. The NFT serves as a digital certificate of authenticity. High-profile examples include Beeple's *Everydays* NFT collage, which sold for ~\$69 million investopedia.com . NFT art marketplaces (OpenSea, Rarible, Foundation, etc.) enable trading of these works globally.
- **Gaming and Virtual Items:** In games, NFTs represent in-game assets (like avatars, skins, weapons, or collectibles). For example, *CryptoKitties* (2017) was an early Ethereum game where users bought, collected, and bred unique digital cats (each cat's "attributes" were one-of-a-kind) investopedia.com . Today many games issue NFTs for virtual land, characters, or items, giving players true ownership and transferability across games and markets.
- **Sports and Entertainment:** Official digital trading cards and highlights use NFTs. *NBA Top Shot* (by Dapper Labs on Flow blockchain) is a prime example: it sells "Moments" (video clips of basketball highlights) as NFTs that fans can buy and trade. Within 8 months of its 2020 launch, NBA Top Shot attracted ~1 million users and over \$700

million in sales [fastcompany.com](https://www.fastcompany.com) . Similarly, collectible NFTs exist for other sports (NFL All Day, soccer token projects), and entertainment (movie posters, music albums).

- **Virtual Real Estate and Metaverse:** Blockchain-based virtual worlds (metaverses) allow NFT ownership of land and property. For example, Decentraland is a virtual world where users can buy and build on parcels of land, each parcel represented by an NFT investopedia.com . These virtual lands, and items on them, can be sold as NFTs. More broadly, some projects are exploring tokenizing **real-world** real estate deeds: for instance, Dubai's government is piloting converting property titles into blockchain tokens cointelegraph.com . Tokenizing property could streamline sales and open investments to a global audience.
- **Digital Identity and Access:** NFTs are used as digital identity markers, memberships, or event tickets. Owning certain profile-picture NFTs (like Bored Ape Yacht Club) has become a status symbol and grants membership perks; owners often display these as their social media avatars. Non-transferable "soulbound" NFTs (a future concept) could hold credentials such as degrees, medical records, or memberships in a verifiable way explodingtopics.com . NFTs have also been used for digital domain names (e.g. Ethereum Name Service), loyalty programs (Starbucks' Odyssey NFTs) and event access (crypto "tickets" for concerts or conferences).

Examples of Famous NFT Projects

- **CryptoPunks (2017):** One of the first NFT projects, CryptoPunks consists of 10,000 algorithmically generated pixel-art characters on Ethereum en.wikipedia.org . Launched by Larva Labs, CryptoPunks inspired the ERC-721 standard. Many early CryptoPunks have since sold for millions, and the collection is credited with igniting the 2021 NFT boom en.wikipedia.org .
- **Bored Ape Yacht Club (BAYC, 2021):** A collection of 10,000 unique cartoon ape avatars on Ethereum. BAYC ownership grants membership to a sort of digital club. These apes became extremely valuable; for example, a lot of 107 BAYC apes sold for ~\$24.4 million at Sotheby's reuters.com . Buyers also obtained full IP rights for their apes – an unusual NFT perk reuters.com . BAYC apes have been featured on media and used as profile pictures by celebrities, demonstrating the social/identity use of NFTs reuters.com markets.businessinsider.com .

- **CryptoKitties (2017):** A pioneering NFT game on Ethereum where users collect and breed digital cats. Each CryptoKitty has unique “cattributes” (fur, eyes, etc.) of varying rarity. During its height, people spent millions in ETH to collect and breed these cats [investopedia.com](#) . CryptoKitties showed how NFTs could represent scarce digital items and even brought blockchain congestion (famous “network freeze”) due to high demand.
- **NBA Top Shot (2020):** A licensed sports collectible platform on the Flow blockchain. Fans buy and trade officially NBA-licensed video highlights (“Moments”) as NFTs. As noted, NBA Top Shot quickly grew to ~\$700M in sales with over a million users [fastcompany.com](#) . Its success mainstreamed NFTs by appealing to sports fans (80% of Top Shot users used credit cards, not crypto) [fastcompany.com](#) .
- **Digital Art Auctions (e.g. Beeple’s Everydays):** In March 2021, artist Beeple sold an NFT artwork (*Everydays: The First 5000 Days*) at Christie’s for \$69.3 million [investopedia.com](#) . This sale (and others like it) grabbed headlines and demonstrated that NFTs could carry very high art valuations. Other projects like Pak’s *The Merge* and various NFT collectibles (Pudgy Penguins, etc.) have also made news for large auction prices.

Economic Impact and Market Trends

The NFT market has seen **boom and bust cycles**. After negligible volumes pre-2020, NFTs exploded in 2021. One data firm estimated NFT trading volumes reached **\$17.6 billion in 2021** (a 21,000% increase over 2020) [techtaraget.com](#) . At the peak, monthly NFT sales hit **billions of dollars** [markets.businessinsider.com](#) . High-profile sales (art and collectibles) and massive venture funding (hundreds of millions poured into NFT platforms) marked the boom.

However, by 2022 and 2023 the market **sharply contracted**. Many NFTs lost value: a 2023 analysis found ~95% of NFT collections had nearly zero market cap [markets.businessinsider.com](#) . NFT trading volumes fell; OpenSea’s monthly volume fell from \$3.4B in Aug 2021 to much lower levels in 2022. By early 2022, Google search interest for NFTs plunged [cbsnews.com](#) . CB Insights noted the \$41 billion in NFT sales by 2021 dropped significantly thereafter [cbsnews.com](#) . For example, OpenSea trading volume in March 2022 was **80% lower** than its peak the month before [cbsnews.com](#) . Factors included general crypto market declines and growing skepticism about speculative prices.

Despite the downturn, the market has shown **partial recovery and consolidation**. NFT trading edged up in late 2022 and 2023; DappRadar reported nearly \$946 million traded in January 2023 (the highest since mid-2022) [explodingtopics.com](#) . Yet by Q1 2025 the trend has been downward: NFT sales were ~\$1.5 billion for Jan–Mar 2025, a **61% drop year-over-year** [cointelegraph.com](#) . Marketplace dynamics shifted too: OpenSea reclaimed dominance (40% market share) even as rivals like Blur and Magic Eden saw less activity [cointelegraph.com](#) .

Overall, NFTs remain a **multibillion-dollar niche** (market research forecasts industry revenues of a few billion annually), but far below its 2021 highs [explodingtopics.com](#) . On the supply side, large companies are cautiously investing (e.g. new NFT initiatives by Amazon, Salesforce, Disney, sports leagues) [explodingtopics.com](#) [explodingtopics.com](#) , and some sectors (gaming, fashion, music) continue NFT usage. On the demand side, many investors have pulled back or are selective, and the “free mint” and hyped drop model has waned. Analysts warn of high volatility and note that most NFT projects have speculative rather than intrinsic economic value [markets.businessinsider.com](#) [cbsnews.com](#) . Nonetheless, niche segments (high-end digital art, gaming assets, brand tie-ins) are expected to endure even as the market matures.

Legal and Regulatory Considerations

NFTs raise a host of legal issues, many still evolving. Key points include:

- **Securities Law:** Regulators are examining whether some NFTs count as securities or investment contracts. For example, the U.S. SEC brought charges in 2023 against *Stoner Cats 2 LLC*, alleging its NFT sales were unregistered securities offerings because buyers expected profits from the project’s success [reuters.com](#) . The SEC even issued a Wells Notice to OpenSea (late 2024) under the theory that NFTs sold on its platform might be unregistered securities [reuters.com](#) . These actions signal that marketing that emphasizes profits can trigger securities-law scrutiny. So far, there is no clear rule; issuers must be cautious not to promise returns.
- **Taxation:** Tax authorities generally treat NFTs as taxable digital assets. In the U.S., the IRS explicitly requires reporting NFT transactions on tax returns – any gains or income from sales are taxable [irs.gov](#) . Other countries have similar rules. For example, NFT purchases might incur VAT or sales tax in some jurisdictions, and gains may be taxed as

capital gains or collectibles income. Many NFT buyers and creators need to keep careful records because audits and tax liabilities do apply.

- **Intellectual Property (IP):** NFT ownership does not automatically grant copyright or IP rights to the buyer. Typically, the original creator retains all copyrights unless explicitly transferred. A buyer of an NFT usually acquires a license to the digital asset, not the full IP. For example, most NFT art drops specify that the creator retains the copyright unless stated otherwise. An exception is Bored Ape Yacht Club: BAYC's creators granted full IP rights of each ape image to its owner [reuters.com](#) . This is unusual in the NFT world. Absent such clauses, legal disputes can arise if NFT holders reuse or commercialize art beyond the license terms.
- **Fraud, Consumer Protection, and AML:** The pseudonymous nature of NFTs and their high values attract scams. Regulators (SEC, DOJ, FTC) have taken action on NFT-related fraud. In 2022, the U.S. Department of Justice indicted an OpenSea employee for insider trading and money laundering via NFTs [explodingtopics.com](#) . Another case involved a group that collected over \$2.6M in an NFT "rug pull" (selling worthless tokens to investors) [explodingtopics.com](#) . Countries are also updating anti-money-laundering (AML) rules to include digital asset trading. NFT marketplaces are likely to face stricter KYC/AML requirements soon. Consumers are cautioned that, unlike regulated securities, NFTs lack formal oversight, making due diligence and caution essential.

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Other Regulations: Some countries classify NFTs under general crypto or digital asset laws. For instance, the EU's new Markets in Crypto-Assets (MiCA) regulation (effective 2024) may eventually cover certain NFT activities. Sales tax rules vary: some U.S. states consider NFTs "digital goods" (which may or may not be taxed) blockpit.io. Environmental regulations have also been discussed (see next section). In general, the regulatory framework is still nascent, and businesses often rely on legal firms' advice. Government agencies have signaled that they will continue to monitor NFT markets for fraud and compliance, but clear, NFT-specific rules are still being written.

Environmental Concerns

Because most NFTs have run on proof-of-work blockchains (notably pre-2022 Ethereum), **energy consumption and carbon footprint** have been major criticisms. Critics note that every NFT mint, sale, or transfer on a PoW blockchain involves electricity use by network miners. For example, some estimates (by the 8 Billion Trees NGO) suggested that the average

NFT might require planting five trees' worth of carbon offset to neutralize its energy use techtarget.com. IEEE researchers also emphasize that "an NFT lives in a computer, so as long as it's on the blockchain... it consumes electricity" techtarget.com.

However, the landscape is changing. Ethereum's 2022 switch from proof-of-work to proof-of-stake (the "Merge") **reduced its energy usage by about 99%** coindesk.com. Post-Merge, Ethereum's annual consumption is on par with a single family of skyscrapers – a tiny fraction of its former demand. CoinDesk cites Cambridge University data showing Ethereum's energy use now "has shrunk to the size of a raspberry" compared to Bitcoin's (Figure 1) coindesk.com. Thus, NFTs minted on Ethereum today generate far less carbon than before. Many other NFT platforms (e.g. Flow, Tezos, Polygon) use proof-of-stake or similar low-energy designs, further mitigating impact.

Despite these improvements, some concerns remain. Bitcoin-based NFTs (via Ordinals) still depend on Bitcoin's PoW. Layer-2 solutions or sidechains may alleviate on-chain congestion, but in practice, every transaction or storage of an NFT record on any chain consumes some electricity. Critics also point out the broader "digital waste" of hardware and network infrastructure behind NFTs. Environmental advocates urge carbon offsetting or using greener

energy. For example, professional services firm PwC notes that potential future regulations on blockchain energy use could arise [techtarget.com](https://www.techtarget.com).

In summary, while early NFTs on PoW blockchains did have significant carbon footprints [techtarget.com](https://www.techtarget.com), the shift to PoS has dramatically reduced those emissions [coindesk.com](https://www.coindesk.com). The industry is now much more energy-efficient than in 2021. Nevertheless, investors and developers should remain mindful of sustainability, especially if engaging with older PoW networks, and could consider renewable energy initiatives or green blockchains when minting NFTs.

Future Trends and Predictions

Looking ahead, several trends are expected in the NFT space:

- **Corporate and Brand Adoption:** Major companies continue to build NFT strategies. For example, Amazon announced plans to launch a general NFT marketplace for digital goods [explodingtopics.com](https://www.explodingtopics.com). Enterprise software like Salesforce is integrating NFT loyalty/rewards programs into business platforms [explodingtopics.com](https://www.explodingtopics.com). Consumer brands are also expanding NFT-based marketing: Starbucks's Odyssey loyalty program uses NFTs (over 2,000 NFTs sold out in 2023) [explodingtopics.com](https://www.explodingtopics.com), and fashion/lifestyle brands (Nike, Gucci, Coca-Cola, etc.) have released NFT collections. These mainstream moves suggest NFTs will become common elements in digital marketing and customer engagement.
- **AI and Dynamic NFTs:** NFTs are evolving beyond static media. A new standard (ERC-7857) was introduced for "intelligent NFTs" (iNFTs) that can incorporate AI algorithms [explodingtopics.com](https://www.explodingtopics.com). In 2025, this could enable NFTs that *contain* machine-learning models or interactive behavior, and can securely transfer those data/algorithms to new owners. We may see marketplaces for NFT-based AI avatars, game characters with evolving traits, or data-driven art. In general, *AI-generated art NFTs* and *AI-powered personalization* are likely to rise, blurring lines between NFTs and digital services.

Real-World Asset Tokenization: Blockchain tokens (often NFTs) will increasingly represent ownership of physical assets. This spans real estate, luxury goods, art provenance, and more. The Dubai pilot project tokenizing property titles [cointelegraph.com](https://www.cointelegraph.com) is one example. Startups like Propy have used NFT-like tokens to automate home buying, having processed over \$5 billion in transactions [explodingtopics.com](https://www.explodingtopics.com). In the future, deeds, stock

certificates, bonds, and even personal identity documents could have NFT-based counterparts, enabling instant settlement and fractional ownership.

- **Soulbound and Identity NFTs:** The idea of **soulbound tokens** (non-transferable NFTs tied to an individual's "soul") is gaining attention. Proposed by Ethereum co-founder Vitalik Buterin, these NFTs would represent immutable credentials: degrees, certifications, event attendance (like permanent ticket stamps), or reputation scores explodingtopics.com . If adopted, they could transform how identity and reputation are managed online, with applications in education, professional credentials, and social networks.
- **Regulatory Clarity and Compliance:** As noted above, governments are paying more attention. We expect clearer regulations around NFTs, especially regarding securities law, taxation, and consumer protection. Stricter enforcement against fraud and insider schemes (e.g. the DOJ and SEC actions) will likely continue reuters.com explodingtopics.com . Some experts predict that within a few years, NFT marketplaces may need licenses or must adhere to financial rules (AML/KYC) in many jurisdictions. On the positive side, increased legitimacy (and possibly centralized infrastructure) might attract more institutional participants to the NFT space.
- **New Market Niches:** NFTs may find novel niches, such as **phygital collectibles** that tie to physical goods (a digital token and a physical item packaged together), fractionalized NFTs (where one NFT represents a share in an artwork or property), and utility-based NFTs (granting access to clubs, games, or services). Integration with the metaverse and Web3 apps will likely deepen, with NFTs as interoperable assets across platforms. If crypto prices stabilize, consumer adoption may pick up again, although probably not to the speculative peak of 2021. Overall, experts agree the NFT market in 2025 and beyond will look very different from the 2021 frenzy – more specialized, regulated, and use-case-driven explodingtopics.com markets.businessinsider.com .

Potential Risks and Criticisms

NFTs face significant criticisms and risks, including:

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Speculative Bubble: Many observers view the NFT boom as largely speculative. Prices for most NFTs have collapsed from their highs markets.businessinsider.com . A 2023 study found roughly **95% of NFT collections now have essentially no market value**

markets.businessinsider.com . This suggests that most NFTs bought for high prices may never recover. Critics warn that new buyers should expect extreme volatility; the market is filled with low-liquidity assets that can plummet in value.

- **Scams and Fraud:** The decentralized, pseudo-anonymous nature of NFTs has enabled scams. High-profile incidents include phishing attacks that stole millions in NFTs (an OpenSea hack of ~\$1.7M [cbsnews.com](https://www.cbsnews.com)), marketplace rug-pulls (fraudulent NFT projects raising investor money then disappearing explodingtopics.com), and insider trading (leading to prosecutions explodingtopics.com). Even the NFT artist Todd Kramer lost ~\$2.2M worth of Bored Ape NFTs to hackers [cbsnews.com](https://www.cbsnews.com) . Because blockchain transactions are irreversible, victims have little recourse. Regulatory agencies are warning investors: as one commentator put it, “the scams are hard to avoid” without rigorous vetting [cbsnews.com](https://www.cbsnews.com) .
- **Copyright and Authenticity Issues:** Some NFT projects have faced copyright backlash. Buyers have sometimes assumed they owned the art IP, leading to disputes. Others have created NFTs by tokenizing art they did not have rights to (copying images from the web into an NFT, which many platforms now ban). The secondary market has seen many accounts of “bad actors” copying images into new NFT collections. Platforms are still grappling with policing content and refunding buyers of fraudulent art.
- **Environmental Concerns:** As discussed, the energy use of NFTs on PoW chains was a serious concern [techtarget.com](https://www.techtarget.com) . Although Ethereum’s shift to PoS resolved much of this, critics argue other chains (or continued Bitcoin-based NFTs) remain unsustainable. There is also criticism of “greenwashing” in the industry – projects that claim carbon-neutrality while still relying on fossil-fuel-powered mining.
- **Regulatory and Legal Uncertainty:** The lack of clear legal guidelines is a risk. Courts may differ on whether an NFT is a commodity, security, or collectible. If a court finds an NFT is a security, that could retroactively impose penalties on issuers. Tax authorities worldwide have already warned of audits. In cross-border sales, ambiguity over jurisdiction and consumer protection is a problem. Additionally, issues of fraud or theft on unregulated platforms mean buyers often have little legal recourse compared to regulated financial products.

Technical and Market Risks: On a technical level, if a blockchain project fails, any NFT on it could become effectively worthless (as happened with defunct NFT games). If the storage of the digital asset (image or media) is off-chain and the host server goes down,

the NFT's content could disappear (though the token would remain). Market risks also include platform dependency: if a dominant marketplace closes or an NFT marketplace's token collapses, it can affect liquidity.

In summary, while NFTs offer exciting new ways to own and trade digital assets, the space is **fraught with risks**. Many experts caution that the NFT market still resembles a high-risk tech experiment rather than a mature asset class. Potential buyers should approach with skepticism and do thorough due diligence.

Conclusion

Non-fungible tokens have introduced a novel way to represent unique ownership rights in the digital realm, leveraging blockchain for verifiable scarcity and provenance. NFTs have enabled new markets in digital art, gaming items, virtual real estate, and more, leading to spectacular successes (hundreds of millions in sales, mainstream brand involvement) alongside severe volatility and controversy. Technically, NFTs depend on smart contracts and blockchain ledgers to mint and transfer one-of-a-kind tokens investopedia.com investopedia.com. As of 2025, the NFT market is far smaller than its 2021 peak, but it has matured into a multifaceted ecosystem with use-case diversity. Future growth may come from practical applications (gaming, identity, tokenized assets) and innovations (AI-enabled NFTs, soulbound credentials) as much as from headline-grabbing art sales. Regulators and environmentalists will continue to shape the landscape.

In closing, NFTs remain a **cutting-edge but contentious technology**. They hold promise for creators and users to own and monetize digital content in new ways, but also carry substantial financial and legal uncertainties markets.businessinsider.com cbsnews.com. A fully informed reader should recognize both the potential and the pitfalls of NFTs as the technology and market evolve.


Sources: Industry analysis, news reports, and expert publications have been cited throughout


(including Investopedia investopedia.com investopedia.com, Reuters reuters.com, Business Insider


markets.businessinsider.com, Fast Company fastcompany.com, CBS News cbsnews.com cbsnews.com,


Cointelegraph cointelegraph.com, academic sources, and official statements irs.gov reuters.com). These provide a snapshot of current understanding (as of 2025) of NFT technology, use cases, economics, and debate.


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 **Non-Fungible Token (NFT): What It Means and How It Works**
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<https://www.investopedia.com/non-fungible-tokens-nft-5115211>

 **Fungible vs Non-Fungible Tokens: Explained | Trust**
<https://trustwallet.com/blog/nft/fungible-vs-non-fungible-tokens-explained>

 **Non-Fungible Token (NFT): What It Means and How It Works**
<https://www.investopedia.com/non-fungible-tokens-nft-5115211>

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<https://www.investopedia.com/non-fungible-tokens-nft-5115211>

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<https://www.investopedia.com/non-fungible-tokens-nft-5115211>

 **Non-Fungible Token (NFT): What It Means and How It Works**
<https://www.investopedia.com/non-fungible-tokens-nft-5115211>


FC How NBA Top Shot creator Dapper Labs is mainstreaming NFTs - Fast Company
<https://www.fastcompany.com/90668050/how-nba-top-shot-creator-dapper-labs-is-mainstreaming-nfts>


 **Non-Fungible Token (NFT): What It Means and How It Works**
<https://www.investopedia.com/non-fungible-tokens-nft-5115211>

 **Dubai Land Department begins real estate tokenization project**
<https://cointelegraph.com/news/dubai-launches-pilot-tokenize-real-estate-blockchain>

 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>

W CryptoPunks - Wikipedia
<https://en.wikipedia.org/wiki/CryptoPunks>

 **Set of "Bored Ape" NFTs sells for \$24.4 mln in Sotheby's online auction | Reuters**
<https://www.reuters.com/lifestyle/set-bored-ape-nfts-sell-244-mln-sothebys-online-auction-2021-0909/>

 **Set of "Bored Ape" NFTs sells for \$24.4 mln in Sotheby's online auction | Reuters**
<https://www.reuters.com/lifestyle/set-bored-ape-nfts-sell-244-mln-sothebys-online-auction-2021-0909/>

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NFT Crash: 95% of the Market May Now Be Worthless, Study Finds - Markets Insider

<https://markets.businessinsider.com/news/currencies/nft-market-crypto-digital-assets-investorsmessari-mainnet-currency-tokens-2023-9>

FC How NBA Top Shot creator Dapper Labs is mainstreaming NFTs - Fast Company

<https://www.fastcompany.com/90668050/how-nba-top-shot-creator-dapper-labs-is-mainstreaming-nfts>

Are NFTs bad for the environment? Carbon, energy and more | TechTarget

<https://www.techtarget.com/sustainability/feature/Are-NFTs-bad-for-the-environment-Carbon-energyand-more>

NFT Crash: 95% of the Market May Now Be Worthless, Study Finds - Markets Insider

<https://markets.businessinsider.com/news/currencies/nft-market-crypto-digital-assets-investorsmessari-mainnet-currency-tokens-2023-9>

NFT Crash: 95% of the Market May Now Be Worthless, Study Finds - Markets Insider

<https://markets.businessinsider.com/news/currencies/nft-market-crypto-digital-assets-investorsmessari-mainnet-currency-tokens-2023-9>

New tech, old scams: Don't fall for these crypto and NFT ripoffs - CBS News

<https://www.cbsnews.com/news/cryptocurrency-nft-scams/>

New tech, old scams: Don't fall for these crypto and NFT ripoffs - CBS News

<https://www.cbsnews.com/news/cryptocurrency-nft-scams/>

New tech, old scams: Don't fall for these crypto and NFT ripoffs - CBS News

<https://www.cbsnews.com/news/cryptocurrency-nft-scams/>

 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>

OpenSea regains NFT market lead as rivals fall behind in user activity

<https://cointelegraph.com/news/open-sea-regains-market-dominance-amid-nft-slump>


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<https://cointelegraph.com/news/open-sea-regains-market-dominance-amid-nft-slump>

 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>


 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>


 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>

 **Are sales of nonfungible tokens 'investment contracts' subject to regulation under f...**
<https://www.reuters.com/legal/legalindustry/are-sales-nonfungible-tokens-investment-contractssubject-regulation-under-2024-10-23/>


 **Are sales of nonfungible tokens 'investment contracts' subject to regulation under f...** <https://www.reuters.com/legal/legalindustry/are-sales-nonfungible-tokens-investment-contractssubject-regulation-under-2024-10-23/>

 **Digital assets | Internal Revenue Service** <https://www.irs.gov/filing/digital-assets>


 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>


 **6 Top NFT Trends (2025)** <https://explodingtopics.com/blog/nft-trends>

 **NFT Taxation: Complete Guide IRS Rules [2025] - Blockpit** <https://www.blockpit.io/en-us/tax-guides/nft-tax-usa>

 **Are NFTs bad for the environment? Carbon, energy and more | TechTarget**
<https://www.techtarget.com/sustainability/feature/Are-NFTs-bad-for-the-environment-Carbon-energyand-more>

 **Are NFTs bad for the environment? Carbon, energy and more | TechTarget**
<https://www.techtarget.com/sustainability/feature/Are-NFTs-bad-for-the-environment-Carbon-energyand-more>

 **Ethereum's Lifetime Energy Use Before the Merge Equaled Switzerland's for a Year**
<https://www.coindesk.com/tech/2023/04/26/ethereums-lifetime-energy-use-before-the-mergeequaled-switzerlands-for-a-year>

 **Are NFTs bad for the environment? Carbon, energy and more | TechTarget**
<https://www.techtarget.com/sustainability/feature/Are-NFTs-bad-for-the-environment-Carbon-energyand-more>



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(2025)

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New tech, old scams: Don't fall for these crypto and NFT ripoffs - CBS News

<https://www.cbsnews.com/news/cryptocurrency-nft-scams/>



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