

### **How Hex Works:**

Hex enables you to mine new coins with 38% APY. CDs, known as Certificates of Deposit or Time Deposits, are worth Trillions of dollars. CDs are worth more than gold, credit card companies and cash. CDs pay higher interest than savings accounts, requiring money to be deposited for a fixed time.

Banks profit on poor customer service, early withdrawal fees and auto-renewing you at worse rates. They pay pitifully low interest. New money is printed all the time, making yours less valuable. HEX monetizes the time value of money in a totally new and better way. It takes the concept of CDs to the next level: HEX replaces inefficient currencies, banks and payment networks with verifiably secure peer-to-peer technology.

In HEX, you're the bank. The more you learn about it, the more you'll love it.

### **The Price of Hex Appreciated Faster than faster than anything else:**

HEX's primary design intention is price appreciation that overperforms as much and as fast as possible. The idea was to create a cryptocurrency that appreciates faster than Ethereum (ETH), whose price made a 10,000x in 2.5 years. HEX already has done a 10,000x in under 2 years and that's before Staking. Bitcoin (BTC) went up 10x from \$6500 to \$65k in the same timeframe while ETH did a 30x from \$140 to \$4400. HEX outperforms almost every other cryptocurrency, because it is a superior product. HEX outperformed and outpaced the growth of both Bitcoin & Ethereum in their first 2 years. If HEX continues to grow faster, it might beat Bitcoin's record 6,500,000x in 12 years, which would put HEX at \$367.

HEX's price is uncorrelated from the performance of other cryptocurrencies because most of HEX's liquidity is against USD. Heart's Law states that the prices of most cryptocurrencies are correlated as a result of having most of their liquidity against BTC. This means if Bitcoin has a drawdown, most other cryptocurrencies will drop even more, while HEX does its own thing. HEX holders are safe from potentially negative BTC scenarios, such as another exploit, Mt. Gox selling, FUD, Tether imploding, etc.

So far, HEX's price went up 1421x against Bitcoin and 361x against Ethereum.

### **Life Changing Wealth creation comes with extreme price volatility:**

Many successful investors have had to withstand harsh price fluctuations. On its way to 6,500,000x returns within 12 years, the Bitcoin price dipped 94%, 95%, 81% and 86%. On some exchanges it flash crashed as close to \$0 as possible. Amazon dropped 95% once too, and now it handles over 50% of all internet sales in the USA.

In HEX's first year the price dipped 81%, 73%, 59%, 67%, 87% and then went on to make new all time highs. Price dips are often opportunities for the impatient to give their money to the patient. HEX's large price movements up and down are a feature, not a bug. People who buy tops and sell bottoms hand their money to those who buy bottoms and sell tops. Transferring monetary value from traders to holders lowers volatility over time and holds the price up.

Notice that the HEX website tells you that prices will go up and down violently, while the websites of Bitcoin and Ethereum do not. When the most important thing to users is the price, what would be more important than discussing it? HEX is about realistic expectations.

#### **Hex Stakes average around 40% AP:**

.HEX Stakers get rewarded for locking up their HEX for time periods of their choosing, between 1-5555 days (about 15 years). The yield consists out of a yearly 3.69% inflation, bonuses like the historic BigPayDay, and penalties.

HEX Stakers mint their own rewards, no one owes anybody anything. By starting a new Stake you only ever owe your future self. You run the code for minting your own rewards yourself without any work from anybody else. Individual users minted every HEX into existence, just like in Bitcoin. HEX rewards are dynamic just like Bitcoin mining rewards. No one in the world can promise you how much you might make running HEX, because no one knows how valuable HEX will become.

#### **HEX pays you rewards regardless of the price moving up or down:**

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#### **HEX pays you rewards regardless of the price moving up or down.**

Crypto Currencies are the highest appreciating asset class in the history of mankind: Bitcoin's price did a 6,500,000x from \$0.01 to \$65,000 in 12 years. Ethereum did 26,000x from \$0.15 to \$4,000 in 6 years. Had you put in \$1, you could have made life-changing wealth, many did. If HEX continues to grow faster it might beat Bitcoin's

record 6,500,000x in 12 years which would put HEX at \$367. So far, HEX's price went up 1421x against Bitcoin and 361x against Ethereum.

Cryptocurrencies have a lot more benefits than just increasing in value a lot. HEX has all of the benefits of Bitcoin & Ethereum like true ownership, decorrelation from other asset classes, fungibility, divisibility, anonymity, relatively easy storage, really easy transferability, verifiability via the public ledger "Blockchain", censorship resistance...

**Hex Has Extremely low inflation:**

HEX has a lower inflation rate than Bitcoin did - even after Bitcoin cut the rate in half twice in its first 10 years. HEX's inflation dropped down to under 3.69% within a year, whereas it took Bitcoin over 10 years. HEX Stakers are paid inflation to hold the price up. Bitcoin miners are paid to sell the price down. Miners then hand that money over to mining hardware and electricity companies which are often hard on the environment.

HEX Stakers earn far more yield than the inflation rate. Only a small part of all HEX are actually Staked, around 10% at the time of writing. Because the 3.69% inflation is applied to all HEX in existence the average APY for Stakers is dozens of percent every year.

To HEX Stakers inflation is a benefit, not a cost. HEX's inflation is also delayed because it is only paid upon Stakes ending - and many Stakes last 15 years. Since inflation is only paid on coins that have been minted and coins only mint when a stake is ended, HEX's inflation rate stays extremely low.

**Hex Stakers can earn rewards everyday:**

You can simply buy and hold HEX just like any other ERC20 token. Optionally you can Stake your HEX to receive yield on them. The rewards are paid in HEX. This way the yield on your HEX multiplies with the price appreciation of HEX against USD.

By Staking their HEX, Stakers reduce the supply, which puts upwards pressure on HEX's price. Stakers receive rewards for not being able to sell their HEX while it's Staked. You can choose a fixed timeframe from a single to 5555 days (about 15 years). Longer Stakes earn more rewards "LongerPaysBetter". You can also have multiple Stakes!

Active Stakes earn additional yield when people end their Stakes earlier or later than they committed to. HEX's time-locked deposits are more serious than the time component of T-Bills or Bonds, which can be sold, whereas staked HEX cannot ever be sold. HEX may be the first financial product in history with so many billions of dollars being truly time-locked for 15 years at a time. The average Stake length in HEX is over 6 years!

HEX is a Nobel Prize-worthy economics breakthrough.

**About Hex Share System:**

When you start a new Stake you burn your HEX and receive Shares (called "T-Shares") in return. The longer you Stake the more Shares you get "LongerPaysBetter". Each day at midnight UTC every single Share accrues rewards in HEX. The more Shares you have the more rewards you receive.

1 T-Share = 1,000 B-Shares = 1,000,000 M-Shares

1 M-Share = 1,000,000 Shares

You can calculate exactly how many T-Shares a new Stake would get.

**\$60,000,000 of onchain liquidity:**

At the time of writing, there is over \$60M of onchain exchange liquidity just on Uniswap alone. Despite people already having cashed out millions of dollars to pay off mortgages, buy cars, watches and other expensive stuff, the price continues to go up.

Low liquidity enables the price to appreciate. For example, Bitcoin has hundreds of millions of dollars of liquidity which makes it very hard to move the price in any meaningful way. Institutional investors have bought billions of dollars worth of Bitcoin and the price barely moved, because of relatively high liquidity. Also, Bitcoin's liquidity sits mostly on centralized exchanges, while most of HEX's is transparent onchain in decentralized exchanges like Uniswap.

Heart's Law states that cryptocurrency prices go up and down with Bitcoin's price, because they're bonded by the liquidity in their trading pairs. For instance, in the case of Ethereum, the ETH/BTC pair: since they are literally interchangeable with each other, when one gains value, both do. Most of HEX's liquidity is in USDC, a stablecoin backed by real USD. Because of this, HEX's price moves independently from other cryptocurrencies. HEX is a highly uncorrelated asset which makes it important for diversification.

**About the Hex Launch Phase:**

HEX (originally known as BitcoinHEX, later hex.win and finally HEX.COM) was founded by Richard Heart. After multiple years of building & optimizing the game theory, HEX was released on December 2nd, 2019 with a one-year-long launch phase. Bitcoin holders were able to claim HEX for free or transform ETH into HEX with the Adoption Amplifier (AA). There also was a 1-tier referral program to onboard as many users as possible. Over 300,000 BTC, worth tens of billions of USD, in over 30,000 different addresses, minted their own HEX using the smart contract.

The last day of the launch phase was known as the BigPayDay; where all unclaimed HEX were distributed to the Staker class. The claim phase, AA & referral program ended on that day. Now HEX is a lot simpler: you can send & Stake it with the smart contract function, known as the base layer.

All of the distribution processes were designed to give the strongest believers the most HEX so that they can hold the price up in the future. So far this worked out great: HEX operates perfectly without a single bug, even throughout the complex launch phase.

Because of HEX's aggressive marketing philosophy, almost everyone in the cryptocurrency space called HEX a scam. After the first 2 years of flawless operation with a 10,000x increase in price the first "crypto experts" are beginning to like HEX.

**Hex is more secure than bitcoin:**

HEX had 2 independent security audits from [Chainsecurity.com](http://Chainsecurity.com) & [CoinFabrik.com](http://CoinFabrik.com) and 1 economics audit. Bitcoin for instance has never been audited. HEX solves one of the most dangerous bugs that affected Bitcoin and other cryptocurrencies because HEX's consensus code can not be modified. Bitcoin has had 2 bugs where someone could mint as many free Bitcoin as they wanted: one was exploited and the other was caught just in time.

The CVE-2010-5139 bug on August 15th, 2010 resulted in 184,000,000,000 BTC being minted. Developers Gavin Andresen and Satoshi Nakamoto had to roll back the Blockchain in order to purge this transaction from block 74,638.

More recently, on September 17th, 2018, the CVE-2018-17144 bug was discovered by a Bitcoin Cash developer who selflessly took action before it could be similarly exploited.

**Hex has no middle men:**

HEX is signup-free and secure, executed peer-to-peer on the Blockchain. No middlemen, no counterparty risk!

Honest people have lost Billions to scams, thefts and hacks because they gave up control of their money. If you want to earn yield on your Bitcoin, you have to lend it out and hope you ever see it back again. Tragically, after 10 years, 42% of all Bitcoin now sits in only 2000 wallets. The people were given control, only to give it away again. In HEX, no one owes you anything, it truly puts you in control. You mint your own HEX rewards yourself when you end your stake. Like how Bitcoin miners mint their own Bitcoin rewards. You are the network being in complete control. There are no middlemen or managers in HEX.

Cryptocurrency was invented to remove middlemen and the need to trust other people with your money. Math is more trustworthy than man. HEX fulfils this ideal. It does its magic with no management, no promises and no expectations of work from others. HEX performs well solely due to its design and community.

**Hex has 100% uptime:**

HEX has operated perfectly since its launch on December 2nd, 2019. It has 100% uptime with zero bugs while so many other things fail. The code of the HEX smart contract has been developed by expert developers; in fact, the same devs have already fixed bugs they discovered in Ethereum's codebase. HEX's code has passed two independent security audits with flying colors.

Bitcoin had 2 inflation bugs where anyone could have minted as many free coins as they wanted. Of course these exploits don't always get fixed before being exploited. Also Bitcoin's official website has been hacked and people lost thousands of USD as a result.

HEX operates perfectly. Not a single bug - ever. The website HEX.COM has never been hacked. HEX cannot be better.

**Hex is unstoppable:**

HEX is censorship resistant and robust by being truly decentralized on the Blockchain. Anyone can run the HEX code and the HEX community has released numerous open source tools which make it even easier. Many projects claim to be decentralized, but actually rely on administrators to not change the code. The HEX code is a single immutable smart contract on the Blockchain which cannot ever be changed. This is why many developers are so comfortable building on top of HEX.

Even if this website goes down, or the founder Richard Heart dies, HEX continues to operate. Users can interact with the HEX smart contract via multiple independent frontends. There is no way for anybody to stop HEX. There is no "off" switch.

**How to store Hex:**

HEX is an ERC20 which means that almost all cryptocurrency wallets support it. The recommended wallet is **MetaMask**. In case you store more than \$10,000 worth of crypto you should get a hardware wallet like a **Trezor** (**Instructions**). For \$1M+ consider multi-sig setups; for example with **Gnosis Safe**.

**Never hold any kind of cryptocurrency on an exchange.** Always withdraw and store them in your own wallet. Write down your secret 12 word recovery phrase. This truly puts you in charge to handle your own money. No one else can spend your money.

**A Blockchain is decentral, highly secure database:**

Cryptocurrencies like Bitcoin and Ethereum use a Blockchain to store who owns how

many coins. It's like an Excel spreadsheet on the internet that inflates to keep it honest and requires your password to spend. HEX runs on the Ethereum Blockchain so its inflation does not have to be spent on securing a network and is given to Stakers instead.

Blockchains allow for "trustless" money transfer. You do not have to trust any third party like a bank or PayPal to transfer monetary value to someone else.

**Hex runs on Ethereum:**

HEX is just a single smart contract ("App") on the Ethereum ecosystem. Like many other cryptocurrencies it follows the ERC20 standard which makes it compatible with a lot of wallets and exchanges. You have to pay a fee to the Ethereum network every time you send HEX. You don't have to pay any fees to receive or hold HEX.

Ethereum's mining algorithm is also ASIC resistant. It's more diverse and censorship resistant than Bitcoin's SHA256 ASIC mining, this way it can be mined with a common GPU. Unlike for Bitcoin mining, you don't need to buy special hardware from some mining equipment company. You can buy GPUs from many different sources, not so with Bitcoin mining hardware.

**Hex has no negative externalities:**

HEX adds value to the 2nd highest hash rate Blockchain called Ethereum. This enhances security and interoperability.

In Bitcoin, the miners get paid to destroy the environment, it is Proof of Waste and only gets worse. HEX is Proof of Wait: Stakers get paid to hold up the price without any negative externalities. To "mine" new HEX you don't need expensive equipment that destroys the environment like in Bitcoin.

**Hex is pre viral:**

HEX is not yet listed on any big exchange, and is still gatekept on multiple big sites that list cryptocurrencies by Market Cap. Few people know about Bitcoin; even fewer own BTC, and almost nobody even knows about HEX.

It is also still complex to even buy HEX. Richard Heart's Ethereum fork called PulseChain, which will drastically lower transaction fees, is not even released yet. Imagine a future where easy to use fiat onramps allow users to directly dollar cost average into HEX with low fees.

All of this is opportunity. There is abundant room for growth after the first 10,000x in price increase. Once Bitcoin's price had appreciated by 10,000x it continued to grow another 650x on top of that and it might continue to go up even further.

**Hex has speculative Stickiness:**



Normal cryptocurrencies have 2 things: price and hash rate. HEX has: HEX price, share price and the measurable components that directly affect profit per T-Share: percentage of supply Staked, average Stake length, average Stake size, calendar of expiring Stakes, early & late end Stake penalties.

HEX Stakers learn to delay gratification and have something to look forward to in the future. HEX promotes mental health: Staking/holding gives piece of mind, whereas trading promotes mental distress and is bad for your health. HEX encourages users to lock their money up and think about more important things while their Stakes are active. You don't have to worry about trading while your money is locked up.

HEX changes the mindset in the cryptocurrency space from trading to saving.

**Hex gives you unique analytics tools:**

HEX is the first cryptocurrency in the world with a chart of its future locked supply. You can see when big stakes are set to expire in the future and plan around them. This secures buyers' confidence in the future value of their investment. HEX improves price discovery and may reduce volatility by incentivizing the market to disclose better data about the future.

HEX.vision is a community made site to get in-depth analytics about HEX. It runs on Elastic Kibana, is highly customizable and allows you to see a [chart of when Stakes are set to expire](#).

**Hex users value their independency and security:**

Which may be why HEX is one of the most popular coins traded in decentralized exchanges, where there is no signup and no counterparty risk. Because this happens onchain, you can inspect every address, seeing when it bought or sold, whether it has HEX stakes open, when those stakes expire, what other coins they hold, everything! HEX also has unique properties that make it interesting for traders like a chart of the future market supply. You can see when big Stakes end and plan your own ones accordingly.

Even though HEX has the most transparent trading in the world it still encourages people to hold instead of trade. Trading is bad for your health. Most traders lose. The only party that consistently benefits from trading is the exchange that wins because of fees. Margin trading is even worse because it amplifies these effects. HEX encourages holders to Stake which is the opposite of trading.

**Holders win, traders lose.** The longer your time horizon the better.

**Hex rewards Honestly:**



In the stock market, laws require insiders to warn the public before they might sell shares. People care about when and how much supply of something they own might hit the market. The HEX TruthEngine improves on this, gathering more information from the market about its future behavior. The HEX TruthEngine rewards users for declaring how long they'll hold and when they might sell. Users that break their word have penalties which pay the users that kept their word.

#### **Hex is cheap:**

People like to buy cheap stuff because of unit bias. HEX intentionally has hundreds of billions of units to make a single unit (1 HEX) "cheap". The sweet spot for this is between \$0.01 and \$10. Bitcoin on the other hand has a maximum of only 21,000,000 units which makes a single Bitcoin seem really "expensive".

New, inexperienced users would rather buy a whole coin that is worth less than \$10 than own a fraction of an "unaffordable" coin that is worth tens of thousands of USD per unit. It feels better to own thousands or even millions rather than only a fraction of a unit.

Just like Bitcoin, HEX is highly divisible up to 8 decimals. 1/100,000,000 Bitcoin (0.00000001 BTC) is called a "Satoshi". 1/100,000,000 HEX (0.00000001) is called a "Heart". These sub-units might become more relevant in the future if the price continues to increase rapidly.

#### **Hex Has Superior branding:**

Hexagons are futuristic. Science fiction films utilize this. HEX has only one syllable and cannot be misspelled. Bitcoin often gets misunderstood as "Bitscoin", "Bit-corn", "BitCoin", "bit coins"...

Abstract brand names like "HEX" are high-risk, high-reward. Once they reach virality people associate the names only with the brand and not anything else.

The gradient of the logo has the maximum possible contrast. It sticks out, for example on coin ranking sites. The 3 hexagons symbolize exponential growth. Up and to the right. It works in big and small. It works with the gradient and in unicolor. It also works if you only see a part of it.

The "HEX.COM" wordmark has the same length as "Bitcoin" at 7 letters but includes a whole domain. HEX owns it's .com domain, Bitcoin doesn't. The business that owns Bitcoin.com sells a "fake" copy of Bitco

#### **Hex is a noble prize worthy economics breakthrough:**

HEX may be the first financial product in history with so many billions of dollars being truly time-locked for 15 years at a time. More than 5 years on average!

In bonds, CDs, you name it, you can just sell anytime. In HEX, you are actually locked up for a long time - no breaking your word. You cannot sell without severe penalties. Period. Delayed gratification is king.

The HEX share rate system might be worthy of another Nobel Prize. It makes sure that longer Stakes always receive more rewards than shorter Stakes. This works via a central share rate that can mathematically only ever increase to simulate compounding interest. It allows Stakers to virtually lend value to holders of liquid HEX.

[Here is a scientific paper](#) auditing the economic validity of the share system.

## FAQ

### **Is there a Hex Wallet:**

HEX is an ERC20-compliant token on the Ethereum Blockchain. Any wallet that supports Ethereum can store HEX. The recommended wallet is the **MetaMask browser extension**.

If you **store more than \$10,000** consider getting a hardware wallet like a Trezor. You can connect your **Trezor** to MetaMask and use HEX as usual.

### **Is Hex a ponzi, pyramid scheme , mlm, scam, ico or security?**

**No**

### **Can Hex be used as a day to day currency:**

Even though HEX was designed to be a Store of Value and not a Medium of Exchange it works fine as a day-to-day currency because it follows the ERC20 standard. With tools like zksync.io HEX already supports up to 2000 TPS. Raiden, plasma, state channels... are also supported just like for any other ERC20.

### **How can i explain hex to my mother:**

Hi mom, you're looking good today! Is that a new shirt?

So you wanted to know about this HEX thing, right? You probably have already heard of Bitcoin. HEX is like Bitcoin but better. It works like a spreadsheet that tracks who owns how much HEX. It requires your own password to spend HEX. You can lock up HEX for a fixed period of time to receive rewards, just like a Certificate of Deposit ("CD") at your bank. This yield averages 38% per year at the moment. Far more than what traditional banks offer. The rewards are paid from a 3.69% inflation, no one owes anybody anything.

HEX is now around 2 years old and has already done its first 10,000x in price. It even outperformed Bitcoin during its first 2 years.

**How can i explain Hex to a five year old:**

So you know those dollar bills, right? You can buy cool things like ice cream with them. Let's say that one cup of ice cream costs \$1. Some very powerful people decided that they want to print a lot more dollar bills. They call it "inflation" and you can not do anything to stop it. So now there are twice as many and a single bill is worth only half as much. Now you need \$2 to buy your ice cream.

To make sure you can buy enough ice cream in the future you should invest your dollar. HEX is one possible way to invest. If you would have bought HEX with your \$1 after it came out 2 years ago those HEX would be worth \$10,000 by now... you could buy a whole truck full of ice cream with that.

HEX is a cryptocurrency. Buying crypto is a little bit complex like setting up an email account. Most people who sell crypto only are allowed to sell it to adults. So if you are under 18 years old ask your parents to buy HEX for you.

**I bought Hex and am really rich by now, who should i tell first:**

Don't tell anybody you might regret telling later. Once you told somebody you are rich you can not take it back.

Tell your wife (calmly, see "How do I explain HEX to my mother?"). If she also wants to get into HEX help her. If she doesn't care talk about something else.

Only tell people that you are really close to and who are happy for you instead of jealous. Think carefully about how somebody that is fairly close to you will react if you tell them. Almost everybody gets jealous when you tell them that you are rich even though they act like they are happy for you.

**Telling people you are rich can kill your relationship with them.**

Don't spend it all at once. Google "sudden wealth syndrome". Always try to keep at least 90% of your net worth invested in whatever assets you like. This not only applies to HEX. A lot of lottery winners blow their whole winnings away within a year and are broke again after. Learn how to keep your wealth, be responsible.

**What is Hex's long term goal:**

Replace gold as a store of value (8 trillion USD Market Cap). Replace credit card companies and payment companies like PayPal (around \$770 billion in Visa, MasterCard and PayPal alone). Replace legacy Certificates of Deposit (\$571 Billion in the USA alone on just those under \$100,000, trillions of USD of value globally).

Replace middlemen with trustless yield.

**Can I have multiple stakes:**

Yes. Many Stakers build a "Staking ladder" by spreading out the end of their Stakes over time so they always have some HEX coming out. There are many different strategies to build such a ladder. Feel free to ask the community if you're not sure.

There is no perfect way to Stake because the ideal distribution of Stakes over time is very personal. If you want to accumulate the most HEX, it's probably best to Stake for as long as you're comfortable to get the most bonus shares from the LongerPaysBetter bonus (20% per extra year, up to 200% bonus). If you just want to try out Staking, a single 30 day long Stake might be a good option.

You can have multiple Stakes on a single address. There also is no maximum possible number of Stakes per address

**Isn't staking for 1 year 5 times just as good as 5 years 1 time:**

No. If you Stake 5 years once, you get 100% bonus shares (20% / extra year), which means getting paid about 2x as much. If you Stake 1 year 5 times, you only get ~20% bonus shares.

Longer Stakes always pay better than multiple short Stakes.

**Can I modify my stake:**

A new Stake is locked in at midnight UTC. Before it's locked in (shown as "pending") you can still cancel it. Once your Stake is locked in you can not change it anymore. You can end it earlier with the "Emergency End Stake" (EES) function but it's recommended to only do that in absolute emergencies because it will cost you a penalty!

You cannot add more HEX to an existing Stake. You cannot increase the length of an existing Stake. You can restake your HEX in a new Stake after one has ended.

**Can I transfer my stake to another address:**

No. This prevents Staked HEX from being sold, which would drive down the price. Stakers get rewarded for not being able to sell.

If you want to transfer your account from MetaMask to a hardware wallet enter your 12 seed words into the hardware wallet while setting it up. After that format your hard drive and physically destroy your computer.

This method is still not as safe as generating a new account on the hardware wallet. This is because your seed words are stored on your computer when setting up MetaMask with a new account. So consider buying a Trezor before starting a new long and/or big Stake.

The only way to transfer Stakes is with a multi-sig wallet like [Gnosis Safe](#). [Staker.app](#) utilizes this. This is only for advanced users who really know what they are doing.

### **How long can I stake:**

Minimum 1 day, maximum 5555 days (about 15 years). Longer Stakes always pay better.

### **How much APY do stakers earn:**

Depends on how many HEX are Staked. The Stakers pool gets paid rewards, you get paid shares of the Stakers pool. The rewards are paid from a 3.69% yearly inflation, based on all HEX in existence. If 100% of HEX were Staked, everyone would share the 3.69% yield. Currently only around 10% are Staked, the average payout to Stakers from Inflation is 36.9%. If only 1% of all HEX were Staked, Stakes would average 369% APY.

On top of that Stakers earn early & late end Stake penalties. Nobody knows how many HEX will be Staked in the future, currently it's around 10% and the APY for Stakers averages 38%.

### **When do i get paid the rewards:**

At the end of a Stake you get principal + yield in HEX.

### **What is good accounting:**

You can do 3 things after one of your Stakes matured:

#1 Do nothing (not recommended). You have a grace period of 2 weeks. After that you lose 1% each week. After 2 years nothing of your Stake is left. HEX rewards honesty: if you don't end your Stake you slowly get penalized for not doing what you said you were going to do.

#2 End your Stake (recommended). Open [go.hex.com/stake](https://go.hex.com/stake), click on the black button & choose "End Stake". You get your principal + rewards. This can only be done by the Staker who owns the Stake.

#3 Good Accounting (GA). This is an alternative to #2. It makes sure your Stake does not melt away like in #1. You "secure" your HEX and make sure you don't get penalized. To actually receive your HEX you still have to end the Stake later. Carrying over your yield to the next year might give you a tax advantage in some jurisdictions.

You can also GA matured Stakes of any other user. Maybe you are unable to end one of your Stakes for some reason. Ask a friend to GA it so you don't get penalized.

### **What are leagues:**

The HEX Staker Class consists of 9 Leagues: Poseidons 🦂, Whales 🐳, Sharks 🦈, Dolphins 🐬, Squids 🐙, Turtles 🐢, Crabs 🦀, Shrimps 🍤 and Shells 🐚. To qualify as a Dolphin a Staker needs at least 0.01% of all global [T-Shares](#). 0.001% to qualify as a

Turtle, 0.0001% to become a Crab and so on. This gamifies the process of gathering more and more T-Shares!

**But Isn't inflation bad:**

All inflation in HEX is paid to Stakers as rewards. Currently the APY for Staking is around 38% because only a small fraction of HEX is Staked. This is a good and not a bad thing for the HEX price:

1. HEX has basically less than 0% inflation for Stakers because they get paid the inflation. Currently the average APY for Stakers is around 38% which far exceeds inflation because only a small fraction of HEX is Staked.
2. HEX has lower inflation than Bitcoin had in its first 10 years where it went from \$0.01 to \$20,000.
3. The inflation in HEX is only credited to those that can't sell it (Stakers). Stakes are on average over 5 years long and the rewards are only paid at the end of Stakes. This way the inflation gets delayed.
4. Also the HEX inflation is always lower than 3.69%, because it's not paid on un-minted rewards, nor Stakes that have good accounting run on them instead of end-Stake.
5. The HEX inflation that could ever see the market is even lower still because the staking mechanism keeps so much supply from being sold.

**Can I stake other things in Hex that are not hex:**

NO

**Should i wait for the price to get lower to get in:**

Probably not. The price tends to run away and by deciding to wait you essentially bet on the price to go lower which historically was a bad decision. What if the HEX price doubles tomorrow? It already doubled 13 times so far which took on average around 50 days.

This is not financial advice, and you should do your own research. The price of HEX could go lower at any time.

**Why is there no white paper:**

It's more important to put work into a good website than a good whitepaper.

Still there is a [technical explanation here](#) which is considered HEX's whitepaper.

**Why is there no road map:**

Because HEX was launched as an already completed product.

There is no further feature development required for the HEX smart contract to function. Don't expect any work from other users.

Sometimes new stuff that is built around HEX appears like Staker.app (community project) or the move from hex.win to the new domain hex.com.

**Richard Heart** the founder of HEX is currently **looking for developers to hire**. Mainly developers who know Golang/Solidity. Salary starts at \$175,000 per year. HEX is already a finished product but Richard wants to build other projects on top / around it.

If interested **DM Richard** your CV on Telegram. Don't spam.

In case you're not a developer maybe do some design work in **t.me/HEXdesign**. Also feel free to run ad campaigns for HEX. Check the **HEX branding guidelines** for this.

### TELEGRAM QA

**The old grey mare ain't what she used to be Bitcoin:**

BTC could be doing better: [youtu.be/KmgT2DoFeTQ?t=2933](https://youtu.be/KmgT2DoFeTQ?t=2933) | [youtu.be/KmgT2DoFeTQ?t=8580](https://youtu.be/KmgT2DoFeTQ?t=8580) | [hex.win/bitcoin-and-hex.html](https://hex.win/bitcoin-and-hex.html)

**Staking ETH is risky and low profit or can lose money:**

<https://youtu.be/rl63S6kCKbA> Here's Vitalik explaining the risks of Staking ETH. Many say that you'll lose money trying to run a server and infrastructure to stake ETH. This video explains some of the ways that you can lose it all.

**HEX contract address:**

HEX contract address: 0x2b591e99afe9f32eaa6214f7b7629768c40eeb39  
8 decimals.

**What if the website goes down:**

HEX is decentralized. The smart contract has no admin key (immutable and unstoppable) and runs on a secure and decentralized consensus network Ethereum. You don't need the HEX.com website. There are currently 9 frontends available and more continue to be built and run by independent developers. Furthermore, here's how to use HEX through Etherscan:

<https://docs.google.com/document/d/1yJ-snX5JZUZrCVgloPDxuPa5SATgYO3hPR1ZsSkseUs/edit#>

**Shares get more rare over time!:**

#deflation

[https://docs.google.com/document/d/112IkMxL94d5AIXukQonRLIyNIF0\\_5zmX6k1Z0Sts mo0/edit#](https://docs.google.com/document/d/112IkMxL94d5AIXukQonRLIyNIF0_5zmX6k1Z0Sts mo0/edit#)

Excerpt:

HEX Inflates, Shares Deflate

Share Rate is calculated such that the returns from a stake restaked for the same number of days will, at best, yield the same number of shares. Because of this property, a user can end up with vastly more HEX than they started with (inflation) yet never improve their number of shares (stagnant) without increasing their stake length. The



stake length has a maximum so a user can only improve their number of shares by committing to a longer stake, capped by the maximum. Once that maximum length stake ends, the user is hard-stuck at restaking and receiving the same number of shares or fewer. Thus, over time the number of shares must, at most, remain constant wherein everyone stakes for the maximum length.

In reality though, the Share Rate will reduce the share buying power of stakers over time. All models I've run have a peak number of shares reached shortly after the WAAS lump payout, after which the total number of shares in the system decrease over time as short stakers are unable to maintain their share buying power.

Why peak after WAAS lump payout? That is the last event that creates HEX outside of the staking process. The only way to obtain HEX after the launch phase is through Staking which will always either increase the Share Rate to match the newly minted HEX, or the Share Rate is already higher such that these new HEX have reduced share buying power. During Launch Phase, however, Transform Lobbies, BTC claims, and WAAS lump all create HEX outside of the flow that changes Share Rate.

This is another example of longer stakes being better because the total shares in the system are likely to go down over the length of their stake, meaning they have a larger slice of inflation which will be greater over the length of their stake. A larger slice of a larger pie.

#### Enhanced Share Deflation: Penalties

The penalties system has a double effect of directly paying stakers and further reducing total shares in the system. Shares can only remain neutral if a staker can restake their returns at the same Share Rate. Having a penalized return guarantees that said staker cannot do that, meaning their share buying power is diminished, thus reducing the total possible shares in the system.

Moreover, the chunk of their payment redistributed to other stakers improves those other stakers' ROI, meaning Share Rate will increase more than it would have otherwise. Penalties reduce the total shares in the system at both ends by disintegrating their own shares/share buying power and inflating the Share Rate for future stakers.

So why would someone do this...?

#### Stake Sacrificing: Improving Your Share (of Shares)

There is a case to be made for having sacrificial stakes that you intend to endStake early, even before the halfway point in order to completely liquidate them. This stake could then be sacrificed at a period of low stake participation. The effect here is that it will redistribute its principal and payouts to current stakers (including more stakes of

yours) and its shares will be destroyed, thus increasing all current stakers' portion of total possible shares.

The secondary effect is that the ROI for active stakes will be even better than pure inflation because of the penalty payouts such that when they end (at maturity), the Share Rate will increase more than normal, decreasing the share buying power of future stakers. This helps to lock in your portion of total possible shares.

I don't recommend doing this without doing a lot of modeling to know under which scenarios this is net-positive.

**!demand Who will buy:**

**<https://youtu.be/Uv2mFAOMzkM?t=3375>**

<https://twitter.com/RichardHeartWin/status/1181799270124527616>

There will always be a top 20 as long as there's 20 coins of value. Whichever you thought don't belong here, those are your investment blind spots. They went from nowhere to the top, making lots of people rich along the way. The difference between your desires and the market's.

It's hard to believe that the market wants things you don't. Really hard. There's a few coins on this list that I really do not like, however, I've had to learn humility and respect the market. The market will not change no matter how hard you yell, I tried.

The lesson is, if you're in crypto to get rich or richer, you must respect these \$500M to \$1B marketcap coins that came from NOWHERE. For they showed the highest ROI in the shortest time. If you don't know how they did that, you don't know how the next one will. Know thyself.

HEX does everything better than Bitcoin does except liquidity and the 800 (yep, in 10 years, just 800) websites that accept it. An efficient market should value a better thing over a worse thing as time passes. See how they compare:

<https://hex.win/bitcoin-and-hex.html>

**!dip Feature not bug:**

HEX's life-changing wealth creation comes with extreme price volatility. Many successful investors have had to withstand harsh price fluctuations. On its way to 2,000,000x returns in 7 years the Bitcoin price dipped 94%, 95%, 81%, and 86%, on some exchanges it flash crashed as close to \$0 as possible. Amazon dropped 95% once too. Now it's 50% of all Internet sales in the USA.

In its first year, HEX's price has dipped 81%, 73%, 59%, 67%, 87% and then gone on to make new all time highs. Price dips are often opportunities for the impatient to give their

money to the patient. HEX's large price movements up and down are a feature, not a bug. People that buy tops and sell bottoms hand their money to those that buy bottoms and sell tops.

Notice that HEX tells you right here on the front page that the prices will go up and down violently, Bitcoin's and Ethereum's websites do not. When the most important thing to users is the price, what would be more important than discussing it? HEX is about realistic expectations.

### **!ees What happens if I emergency end stake:**

What happens if I emergency end stake?

If you are thinking about emergency end staking suggest downloading staker.app read only mode for an estimation of the penalty. This is explained in the Layman's Guide, type !lay

### **!gas Cheap gas on the weekend:**

Save money on network fees by manually setting the gas price bid based on what is quoted at etherscan.io/gastracker?t=1682671514 and on how urgent you need the transaction approved (e.g., swaps are more urgent than staking and endstaking which can be left waiting much longer). Also cheap gas by hour chart:

<https://hex.vision/app/kibana#/dashboards?title=Gas%20Prices>

To prevent the "out of gas error" that costs you the allocated fee, increase the gas limit for at least 10% above what the wallet estimates (this does not affect the fee you pay).

Gas prices are generally lower during the weekends.

### **!good Good accounting:**

End stake calculates days, removes shares from pool & mints.

Good accounting calculates days & removes shares from pool. This allows to mint at a later date.

Either can prevent late end stake penalties.

### **!hwmig Hardware wallet setup & migration:**

<https://youtu.be/LVr6vATCIUo> Trezor Setup & Migration by Papaboehner

<https://youtu.be/3IkFAesQWYI> Ledger Setup & Migration by Papaboehner

<http://hexsafe.win> Scroll down & Click Level 0, 1, 2

<https://www.howtopulse.com/> Click on Wallet

DIY Crypto Steel Backup [https://youtu.be/3Aj\\_EHOu9WE](https://youtu.be/3Aj_EHOu9WE)

Simple Seed Backup Encryption

<https://www.youtube.com/watch?v=D-z6X7UVWw8&t=1061s>

Crypto only Laptop <https://youtu.be/j39UTGhWzwg>

<https://github.com/OffcierCia/Crypto-OpSec-SelfGuard-RoadMap>

### **!inflation HEX is WAY better than Bitcoin:**

1. HEX has basically less than 0% inflation to staker class on average. Since they're being paid the inflation on all minted coins, and not everyone is a member of the class.

2. HEX has lower inflation at a max of 3.69% than Bitcoin had in its first 10 years.
3. HEX inflation is only credited to those that can't sell it (stakers.) And stakes avg. 4 years long, so it's quite delayed.
4. HEX inflation is lower than 3.69% always, because it's not paid on un-minted rewards, nor stakes that have good accounting run on them instead of end stake.
5. HEX inflation that could ever see market is even lower still because the staking mechanism keeps so much supply from being sold.

#### **!int How does the Interest work:**

!int -> The stakers class is paid inflation and early/late endstake penalties. It's split up by shares. Longer and larger pay better. They pay better by reducing the amount shorter and smaller get. For instance, if you stake for 10 years, you get 3x shares.

#### **!late What happens if I don't end my stake when I said I would:**

What happens if I don't end my stake when I said I would?

When your stake is mature, you have a 2 week grace period to end that stake. Failure to do so will result in your stake being penalized at 1% per week or 0.142% per day.

Until completely bled out after 100 weeks. This is explained in the Layman's Guide, type !lay

#### **!lay Layman's guide:**

!lay: HEX Layman's guide

<https://docs.google.com/document/d/1P0ZDaBQx4ghkdX5IUwZb1n8ThvYf7i22MSt9Gm00JRU/edit>

#### **!lend Non-stakers virtually borrow value from Stakers who lend on stake (burn.):**

Did you know that HEX value is virtually lent to all unlocked coins when coins are staked (burnt.) Even in normal banks, your money is not lent out, it goes on the liability, not asset, side of the balance sheet. They only use your money as an excuse to borrow cheap from the FED. Unlocked coins pay for that value borrowed by being diluted through receiving no inflation like staked coins do

#### **!links:**

KEEP UP TO DATE WITH HEX

HEX.COM | [twitter.com/RichardHeartWin](https://twitter.com/RichardHeartWin) | [t.me/HEXnews](https://t.me/HEXnews) | [HEXstreamers.com](https://hexstreamers.com) |

[HEXsearch.io](https://hexsearch.io) | [discord.gg/hexpls](https://discord.gg/hexpls)

HEX SMART CONTRACT FRONT ENDS

[go.HEX.com](https://go.HEX.com) | [backupHEX.com](https://backupHEX.com) | [appHEX.win](https://appHEX.win) | [HEXmob.win](https://HEXmob.win) | [staker.app](https://staker.app) |

[app.icosapro.io](https://app.icosapro.io) | [etherscan.io](https://etherscan.io)

HEX DECENTRALIZED EXCHANGES

[uniswap.org](https://uniswap.org) | [1inch.io](https://1inch.io) | [matcha.xyz](https://matcha.xyz)

HEX STATISTICS & DATA

[HEXdailystats.com](https://HEXdailystats.com) | [appHEX.win/charts](https://appHEX.win/charts) | [HEX.vision](https://HEX.vision) | [HEXfire.io](https://HEXfire.io) | [lookintoHEX.com](https://lookintoHEX.com) |

[HEXgraphs.com](https://HEXgraphs.com)

HEX CHARTS

hexchart.com | uniswap.hex.vision

HEX INFORMATION inc STAKING INFO

HEX.wiki | HEXnoob.com | stakeHEX.today | HEXcalc.net | HEX.pink

HEX ARTICLES

HEXicans.info | tldrtaylor.medium.com | HEXcrow.substack.com

HEX COMMUNITY THREADS

reddit.com/r/HEXcrypto | reddit.com/r/HEXmemes | stocktwits.com/symbol/HEX.x

HEX STUFF

t.me/HEXwinBot | twitter.com/WhaleHEX | radio.HEX.onl | HEXcryptoAlexa.com |

HEXviz.xyz | HEX-obituaries.com

HEX END STAKE REMINDERS

coinyon.github.io/hexcal | t.me/SpaceHEXbot

HEX EMERGENCY END STAKE CALCULATIONS

HEX.wiki/penalties | use staker.app in read only mode

HEX SECURITY

Recommend using MetaMask.io with either trezor.io or ledger.com hardware wallet.

Learn how @HEXsecurity

HEX TELEGRAM CHANNELS

t.me/HEXcrypto | t.me/HEXtrading | t.me/HEXcharts | t.me/HEXdesign |

t.me/HEXmemes | t.me/HEXvideos | t.me/HEXdreams | t.me/CryptoGOV (Tax)

PULSE TELEGRAM CHANNELS

t.me/PulseChaincom | t.me/PulseXcom

**liquidity More means you can't go as high:**

HEX's price went up the fastest when its liquidity was the lowest. Bitcoin's and Ether's prices went up the fastest when their liquidity was lowest.

**!lost If you send HEX direct to the contract, it's lost forever:**

If you send HEX direct to the contract, it's lost forever. Anything sent direct to the contract is lost to you.

<https://ethereum.stackexchange.com/questions/34559/i-accidentally-sent-a-token-to-a-token-contract-can-i-get-it-back>

**!nuke:**

<https://t.me/HEXnews/1844>

<https://youtu.be/T2UsUz2n3-0?list=PLN0RF11rNdP1tdi-3Nbgm6knUQ1Jtoe02&t=1363>

**!oa Origin Address:**

What is the "OA"?

OA stands for "Origin Address" which is an Ethereum Address

(0x9A6a414D6F3497c05E3b1De90520765fA1E07c03) that is part of the HEX ecosystem. The OA has been a benevolent entity that protected the HEX price since HEX inception. Most profitable time to buy BTC was when Satoshi owned 100% of the

Supply. Same for ETH, Amazon, Tesla, Apple, Google, etc. Founders of all these are usually not dumb and they don't kill the golden goose. They delay gratification.

Do NOT send any crypto to it!

**!off HEX can't be turned off:**

HEX can't be turned off. Decentralized ways to run the HEX contract: [go.hex.com](https://go.hex.com) | [apphex.win](https://apphex.win) | [backuphex.com](https://backuphex.com) | [hexmob.win](https://hexmob.win) | [staker.app](https://staker.app) | [etherscan.io](https://etherscan.io) and other HEX contract frontends

**!past Richard's history:**

I see a lot of people interest in how I got rich and retired! This should answer a lot of questions! This also answers your drama questions regarding scams and identities and more!

<https://youtu.be/GKklxsNLYDU?t=1568>

[https://youtu.be/xRB5AdW2Q\\_8](https://youtu.be/xRB5AdW2Q_8)

**!ponzi:**

<https://pbs.twimg.com/media/EFrW9KgWoAAUdGv?format=png&name=large>

<https://youtu.be/Uv2mFAOMzkM?t=2205>

People use the word #Ponzi wrongly all the time.

Ponzis, Pyramid schemes, and speculative bubbles are usually different.

Because something drops 95% doesn't means it's a Ponzi. Amazon stock did. Now it's 50% of all online sales in the USA, and up 350x.

#Ponzi: Promises high returns that it sustains for a while by stealing from the principal of new depositors to pay the returns to older depositors. It fails when it can't meet its obligations.

#Pyramid scheme: Has multiple levels. Tends to put many middle men between product and user, and often has weak retail sales and strong sales of its "reseller package."

Speculative #bubble: People simply decide that something is worth much more, then much less.

**!pow Info for HEX on ETHW and ETHF:**

Please get the settings for the POW forks on this community ran settings channel.

We stress that these forks are NOT Endorsed nor recommended by Richard Heart, or any member of the HEX team or chat admins.

If you wish to connect, do so at your own risk. There is no guarantee that either of them will continue working, or that'll you'll be able to withdraw any assets on those chains, even if they survive.

You must Do Your Own Research & Due Diligence.

The details below are provided for informational purposes only:

-> <https://t.me/hexsettings/3>

### **!sellstake You can't sell staked HEX:**

Staked HEX are actually burnt. No one will buy the keys to your staked coins from you, because you can't prove you deleted your keys. Since you can't transfer burnt coins, or sell your private keys to them, it drives up the value of unstaked coins. Decreased supply with static or increasing demand, means Price increases!

### **!share Shareprice only goes up. But how:**

[https://www.youtube.com/watch?v=rI\\_Df45cMuQ](https://www.youtube.com/watch?v=rI_Df45cMuQ)

<https://hexicans.info/shares/>

When you stake HEX you burn that HEX in exchange for shares. Those shares are used by the contract to reward you your portion of daily interest and early end stake/late unstake penalties. Then when your stake is mature, you end stake, which dissolves your shares in exchange for minting your HEX which will be your original principal + all interest, penalties earned whilst being staked. T-shares = terra shares or 1 trillion shares. Effective HEX uses your longer pays better and bigger pays better bonuses to compute your shares for the stake.

Share price only goes up because reducing shares for new guys is the same mathematically as compounding shares for old guys. It's computationally more efficient and makes a cool chart. Share price has no direct relationship to price on exchange, though since shares become more scarce than HEX, there is probably some influence.

### **!stuck Unstick a transaction in Metamask:**

<https://metamask.zendesk.com/hc/en-us/articles/360015489251-How-to-Speed-Up-or-Cancel-a-Pending-Transaction>

### **!supply:**

HEX's total supply was 643.3 billion in September, 2022.

HEX's total supply inflation is a maximum of 3.69% per year, however the actual inflation of the circulating supply varies and can be positive (inflationary) or negative (deflationary) depending on staker class behavior. For example, the supply inflation in 2021 was 1.62%. The current projected inflation for 2022 is even lower. The circulating supply was 581 billion in August 2022.

Not to be confused with total shares inflation, which are long term deflationary due to the increasing share price.

### **!tgset Best Telegram security settings:**

<https://i.imgur.com/IKPn4vO.png>

Set your Telegram, "Settings", "Privacy & Security" to look like this.

[the "Archive & Mute" option only appears if you get a lot of DMs]



Scammers fake "Admin" or official looking profiles to trick & rob you.

Just Block & Report them and all DMs / private messages.

### **!uni How does uniswap work:**

This is a great guide to ethHEX.com (uniswap) 0. Easy mode:

<https://mycryptopedia.com/what-is-uniswap-a-detailed-beginners-guide/>

1. <https://medium.com/gauntlet-networks/why-is-uniswap-a-good-oracle-22d84e5b0b6c>

2. Hardmode: <https://arxiv.org/pdf/1911.03380.pdf>

3. [Uniswap.info](https://uniswap.info)

4.

<https://www.pools.fyi/#/trades/0x05cde89ccfa0ada8c88d5a23caaa79ef129e7883?from=2020-02-01>

5. Another good guide

<https://medium.com/scalar-capital/uniswap-a-unique-exchange-f4ef44f807bf>

### **!velocity HEX weaponized the velocity of money:**

HEX weaponized the velocity of money: Thread:

<https://twitter.com/RichardHeartWin/status/1309575125415727107>

Twitter (<https://twitter.com/RichardHeartWin/status/1309575125415727107>)

R.Heart's forking ETH. HEX.com 40% APR 1189x @494d

#Bitcoin economics lesson. Huge amounts of #BTC are dormant. They literally just sit there. This increases price. Few understand this.

### **!whales Bitcoin is majority owed by a class you aren't in:**

Did you know that 40% of all #Bitcoin is controlled by less than 2000 people? That's

.01% of addresses. HEX gives you a chance to be a whale by penalizing the old

whales. <https://pbs.twimg.com/media/EJv29o2WsAAqcN9?format=png&name=900x900>

Rich keep getting richer. Bitcoin whales get larger and larger % of all coins.

<https://twitter.com/RichardHeartWin/status/1178343693109137413>

<https://twitter.com/RichardHeartWin/status/1196821671933546497>

<https://bitinfocharts.com/top-100-richest-bitcoin-addresses.html>

### **!why Why build HEX, why not just use BTC:**

Why do we need HEX? Why not just use Bitcoin? [https://youtu.be/Z\\_fwbeybZLc?t=166](https://youtu.be/Z_fwbeybZLc?t=166)