

CRYPTOLY®

RULES OF THE GAME



For more languages use our
free CRYPTOLY web app!

Rules and card translations
are supported for the follo-
wing languages (more will
follow):



ENG DEU ESP PRT FRA



JPN KOR IDN CHN IND

FOREWORD

CRYPTOLY was developed for all bitcoin and crypto fans. But also for people who have never had anything to do with crypto. Play together with fans, friends, colleagues and your family, with equal fun and equal chances of winning for everyone!

We have thoroughly researched all information and quotes and compiled them to the best of our knowledge and belief as of the current status (beginning of 2023). If something should have changed in the meantime or you have found a mistake, we would be very pleased if you let us know. Of course, the same goes for your ideas for new action cards.

Please send us an email to: info@cryptoly.io

For more language translations please use our free CRYPTOLY web app via the QR code on the cover of the "rules of the game". Also you can find the web app on our website cryptoly.io. With just a few clicks the rules of the game and all cards are available to you in the following languages:



More language translations coming soon!

Enjoy playing CRYPTOLY!

GOAL OF THE GAME

The winner is the player who owns the most Bitcoins at the end.

SET UP - GET READY FOR THE START

1. Each player chooses a piece to play with and places it on a field of their choice.
2. The exchange rate cards are shuffled. One card is drawn and placed face up on top of the

other exchange rate cards. These are the valid exchange rates at the start.

3. The other cards are also shuffled and placed face down on their respective positions on the board.
4. The coins are sorted. At the beginning, all coins are in the DEX* (Decentralized Exchange). The DEX can be any container, for example, the box. These are the available coins:
 - 76x Bitcoins
 - 88x Red Coins
 - 88x Blue Coins
 - 88x Green Coins
 - 4x ICO* 1, 2, 3 Coins each (You only need one of each to play)



5. Each player receives one ICO card.
6. Place three Bitcoins on the „Wallet“ field on the game board.

7. *Optional (see ADDITIONAL RULES below): The winning bet will be executed.*

8. All players roll the dice once. The player with the highest number starts.

GAME PLAY / RULES

1. All players start with 0 coins.
Note: Alternatively, each player can start with 1-3 bitcoins.
2. If at any time in the game a coin is out of stock, then so be it. Cards with actions for this coin, where you could receive this coin, can then not be realized. They go back under the pile and it's the next player's turn.

Note: If you are short of coins in the game (especially in games with more than 4 players), you have three ways to get more coins:
- You can play with additional virtual coins. Just

write them down on a piece of paper.

- Buy additional original coin sheets from our store at cryptoly.io.

3. The player whose turn it is, can do the following things in this order:
 - Exchange coins at the exchange rate on the DEX.
 - Exchange coins with other players. When exchanging with other players, the rates are freely negotiable. The exchange with other players may not take an excessive amount of time.
 - Buy and sell Mining/Staking cards and/or NFTs from other players.
 - Roll the dice, draw, and complete the action.

After that, the player's turn is over and it's the next player's turn.

4. If an action requires a player to turn in a certain coin and the player does not own it (sufficiently), the player must exchange other coins at the current exchange rate in order to fulfill the action. If the player still doesn't have enough coins,

they pay everything they have. Then it's the next player's turn. A player cannot go bankrupt.

5. All coins that players have to give away during the game will go back to the DEX.
6. All cards drawn during the game must be read out loud.
7. There are three ways how to finish the game:
 - 1) The game is over after X minutes (for example, after one hour).
 - 2) The end of the game is determined by drawing a time card (see Time Cards).
 - 3) You agree on your own rule for when the game should end.
8. The game is over...or is it?

The game on the board is over.

1. The bitcoins of all players are counted. However, only Bitcoins count; all other coins can still be exchanged at the current exchange

rate, provided that Bitcoins are still available. The remaining available bitcoins are distributed equally among all players as long as a player has enough coins to exchange them for bitcoin. The players can also exchange coins with each other, but they don't have to.

2. Now, the ICO coins with the numbers 1-3 come into play. They are turned over and shuffled. Then 1 coin is drawn. All players who bet on this ICO will get back three times their stake. All players who bet on the ICO that was drawn second will get half their stake back. And all those who bet on the last ICO will unfortunately come away empty-handed.

Note: These are virtual coins. Color coins can be virtually exchanged for bitcoins at the most recent exchange rate. Write down the number of Bitcoins per player on a piece of paper.

3. Now, the NFTs are evaluated. Taking turns, each player can decide per NFT whether to do nothing and receive the value of the NFT in

bitcoin or to choose to take a risk, roll the dice, and then receive the amount of bitcoin written to the right of the number of dice on the NFT.

Note: These are also virtual coins. Write down the number of coins per player on a piece of paper.

Now all the coins have been exchanged and the ICOs and NFTs have been evaluated.

4. All players are now ranked. The player with the most Bitcoins is in the first place, the one with the least is in the last place. If two or more players have the same number of bitcoins, the color coins are counted. This includes the current exchange rate. Whoever has the most (e.g., red) coins is leading. In case of a tie here as well, a dice is rolled to determine the order. The higher number wins.

If you executed the winning bet at the beginning, it will be resolved now.

RESOLUTION OF THE WINNER BET

The cold wallets are opened one after the other. A player takes another player's wallet and opens it. The player whose name is on the wallet must say the numeric code loud and clear to open the wallet.

There is ONLY ONE attempt to do this. Every number spoken counts, even if the number has not yet been said completely. Corrections are not allowed.

If the code is wrong, the cold wallet remains closed and is removed from the game.

All cold wallets that have been opened successfully will now be compared to the player ranking one by one. The following distributor key applies here:

For 2 players:

1st place = 2x number of bitcoins bet

For 3-4 players:

1st place = 3x number of bitcoins bet

2nd place = 2x number of bitcoins bet

For 5 and more players:

1st place = 5x number of bitcoins bet

2nd place = 3x number of bitcoins bet

3rd place = 2x number of bitcoins bet

Each player adds these virtual bitcoins to their existing bitcoins.

The winner is the player who NOW owns the most Bitcoins!

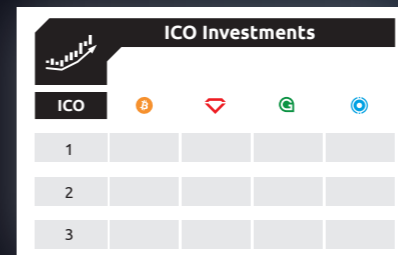
EXPLANATION OF THE CARDS AND FIELDS

Hack the Wallet

In the center of the game board there is a field marked „Wallet „. There are 3 Bitcoins in this wallet. When a player reaches a „Hack the Wallet“ field, they can try to hack the wallet. In this case, they will receive the 3 Bitcoins deposited there. If they fail, they lose one Bitcoin as a hacking fee. Once the wallet has been hacked, it will be refilled with 3 Bitcoin. If there is no more Bitcoin, it will remain empty, and the turn will expire.

ICO 1, 2, 3*

When a player comes to one of the three ICO fields, they can decide if, how many and which coins they want to invest in that ICO. For each coin invested, make a mark (preferably with a pencil) on your ICO card. At the end of the game, these investments can be of decisive importance (see point 8 „The game is over...or is it?“)



ICO	Bitcoin (B)	Cardano (A)	Ethereum (E)	Bitcoin Cash (C)
1				
2				
3				

Hodl *

When you reach the HODL field, you have to wait. You do nothing and it's the next player's turn. "I am hodling."

NFT*

When you reach a NFT field, you can buy a NFT



Wert:	15
1 / 2 / 3:	25
4 / 5 / 6:	10

Info about the real NFT project:
CryptoPunks is likely the most important and historically significant NFT project. Launched in 2017 by Larva Labs, CryptoPunks was one of the first initiatives to demonstrate the potential of digital ownership.

card. Roll the dice, pay the number in Bitcoin and get one of the face down NFT cards. There is a small info text about the NFT project on the NFT card as well as the possible values that the NFT card can have at the end. You can sell your NFT cards to other players during your turns.

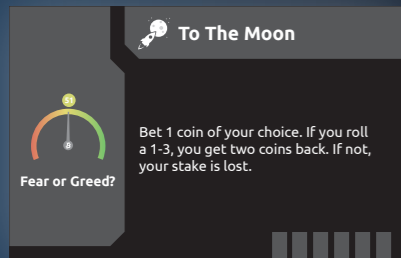
Note: The projects we refer to in the editorial info text on each NFT card are all real. The names and illustrations of the individual NFT cards are fantasy names and illustrations created by artificial intelligence that have nothing to do with the NFT projects described underneath each one.

Get/Lose Coin

When a player reaches a „Get/Lose Coin“ field, they must roll the dice. If they roll an even number (2, 4 or 6), the player receives a coin of that color. If they roll an odd number (1, 3 or 5), they lose one coin of that color.

To The Moon* Cards

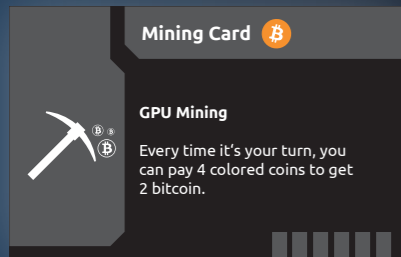
Who doesn't dream of seeing their investment multiply in the shortest possible time? When a player



reaches a „To The Moon“ field, they draw a „To The Moon“ card and read it out loud. Afterwards, the „Fear or Greed*“ question arises.

The player must decide whether to accept the challenge or let it expire.

If the player lets it expire, another player can accept the challenge. If at least two players are interested in the challenge, they briefly roll the dice to see who gets it. The highest number wins. If there is a tie, the dice is rolled again. At the end, the card is placed back under the „To The Moon“ pile.



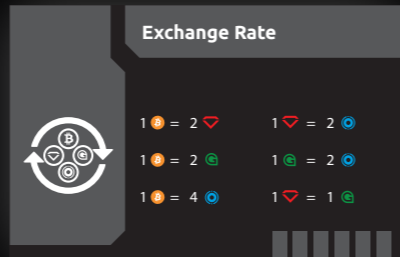
Mining*/ Staking* Cards
When you reach a mining/staking field, you get a mining or

staking card. If there are no more cards, the turn is lost. You can sell your own mining and staking cards to other players during your turn (with or without staked coins).

The cards explain how mining or staking works in each case.

Exchange rate cards

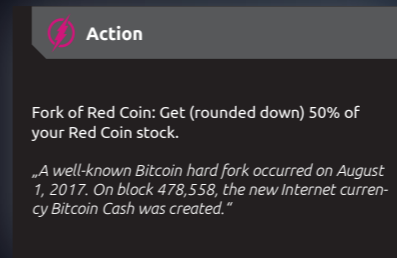
Shuffle all exchange rate cards including the last exchange rate card. Draw a card. These are the new valid exchange rates. Place this card face up on top of the other exchange rate cards.



Action Cards

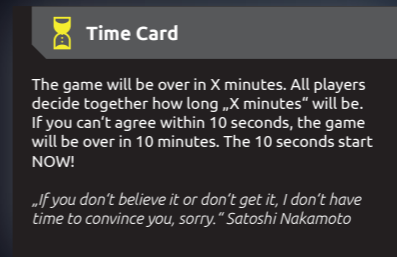
Like the name implies: they bring action! And a lot of information about cryptocurrencies. Each action card must be read out loud and executed by

the respective player. If the player could win color coins or bitcoins, but there are none left in stock, the card expires and is placed under the pile.



Time Cards

The time cards remain in the box. When a player reaches the „time card“ field, they must roll the dice. If they roll a 2-5, the game continues as normal. If they roll a 1 or 6, all the time cards are shuffled and one is drawn face down. It specifies how and when the game is finished. When a time card is drawn, all other time cards automatically become invalid.



Note: Of course, you can also set your own rules for when/how a game should end.

ADDITIONAL RULES

You may integrate the following additional rules/ rule adjustments:

1. Reduce the number of mining/staking cards (e.g., for fewer players).
2. Reduce the number of available coins (e.g., for fewer players).
3. The winning bet

Step 1:

For the „Winner Bet Cold Wallet“ you need paper (approx. 10cm x 10cm) and a pen for each player. Or you can download the „Winner Bet Cold Wallet“ template (PDF) on: cryptoly.io

Step 2:

For the „bet at the beginning“, each player has 10 virtual Bitcoins. Before the start, each player decides which of the participating players (including themselves) will be first, second, third, etc. in the end. Then, they distribute their 10 virtual Bitcoins to the players' names by entering the name and the number of Bitcoins. One example:

Player A	3 BTC
Player B	4 BTC
Player C	1 BTC
Player D	<u>2 BTC</u>
	10 BTC

Note: Only a full Bitcoin can be distributed. Thus, 0.5 BTC or something like that is not possible.

When all players are done, they turn over their Cold Wallet and leave it in front of them.

Step 3:

The turned over Cold Wallets are now encrypted with a 5-digit numeric code (numbers from 0-9).

Suggestion: Advanced players can also make this more difficult by using more numbers and/or letters and special characters. This must be decided by all players in advance and unanimously.

The code for your own wallet is created by the player on the right. To do this, each player passes their face-down wallet to the player to their right. This player then folds the piece of paper twice. And writes a 5-digit number combination (numbers 0-9) on the back.

Step 4:

Once all players have put the code on their Cold Wallets, each player gets their Cold Wallet with the code back simultaneously. Now each player has 10 seconds to remember their code. Use a stopwatch on a cell phone for this purpose.

When the time is up, each player writes their own name legibly on the outside of their folded wallet. Next, all Cold Wallets are placed in the box so that no code can be seen.

Done...continue with point 8 above under „ Set up - get ready for the start“.

Explanations for those who are new to crypto*DEX**

The main difference between a DEX (Decentralized Exchange) and a CEX (Centralized Exchange) is that with a DEX, its backend exists on a blockchain. The basic principle of a DEX is that orders are executed on the blockchain (via smart contracts) and users do not put their cryptocurrencies in the hands of any other party at any time. With a CEX, on the other hand, the user transfers their cryptocurrencies to the CEX so that they can then trade on it.

Did you know? The first known exchange rate was 0.08 US cents per bitcoin. So, with just one U.S. dollar, investors could have bought more than 1,000 Bitcoins in the cryptocurrency's early days. Measured against the all-time high of about \$69,000 in November 2021, this is an increase of about 862,500%!

ICO

An Initial Coin Offering (ICO) is a method of corporate financing. Supporters and/or investors acquire

the project's tokens and speculate that the value of these tokens will later increase - similar to a share on the stock exchange with the prospect of price gains. This money goes to the company's team. It is intended to be used to build up the company. An important difference to IPOs (Initial Public Offering) on the stock exchange is that ICOs usually do not map ownership of the company via the token. Therefore, it neither entitles the holder to dividends nor does it automatically carry voting rights.

HODL

„GameKyuubi“ is the man who made the little word „HODL“ an Internet phenomenon. He published his now-legendary post in December 2013, when the bitcoin price had just plummeted. He was drinking whiskey, „GameKyuubi“ posted (cheap blended whiskey from a plastic bottle, as he points out today), his girlfriend was in a bar, and Bitcoin was crashing. Nevertheless, he did not want to sell his Bitcoins, but hold them. However, he published his post with the headline „I AM HODLING.“ In addition, he wrote: „I typed that title twice because I knew it was wrong the first time. Still wrong. w/e.“

NFT

„NFT“ is the abbreviation for „Non-Fungible Token“. NFTs are unique digital tokens that can be firmly and publicly traceable assigned to an owner thanks to modern blockchain technology. NFTs are forge-ry-proof, and they cannot be multiplied arbitrarily. Thanks to the blockchain and its globally distributed copies, no one can simply pull the plug, reverse transactions, or take NFTs away from an owner either - not a company, not a government agency, and not a state. The potential applications of non-fungible tokens are many: digital trading cards, digital artwork, tickets, properties, audio files, video clips, tweets, gaming content - many things can be tokenized and thus realized as NFTs.

To The Moon

The most famous sayings in the crypto scene are probably „To the moon!“, „Whenx100?“ or “When Lambo?” In this way, investors want to express that they are waiting and hoping that their investment in a coin/token will multiply.

Fear and Greed Index

The Fear and Greed Index shows us how fearful or greedy investors are at the moment. For the „Bitcoin Fear and Greed Index“, data is typically collected and analyzed from the following five sources: Volatility (25%), Market Dynamics/Volume (25%), Social Media (15%), Surveys (15%), Market Dominance (10%), Google Trends (10%). Each data point is scored the same as the previous day to visualize meaningful progress in crypto market sentiment change.

Source: <https://alternative.me/crypto/fear-and-greed-index/>

Mining

Bitcoin mining is a process of providing processing power for transaction processing, securing, and synchronizing all users on the network. This process is called mining, analogous to gold mining. In contrast to gold mining, Bitcoin mining offers rewards for useful services. The payout of the respective Bitcoin shares is based on the provided computing capacity. Around the clock, people transfer Bitcoins via the Bitcoin network. The Bitcoin network hand-

les these transactions by collecting all the transactions of a certain period and putting them together in a list - the so-called block. It is the job of the miner or prospector to confirm these transactions and record them in an account book. In exchange, they are paid in bitcoin (the bitcoin transaction fee).

Source: www.btc-echo.de

Staking

Proof-of-stake is an alternative consensus mechanism in public blockchains. Instead of the hash rate (as in bitcoin mining, for example), the stake of a user is decisive in the proof-of-stake mechanism. The stake is a specific number of tokens assigned to your own validator node.

Source: www.btc-echo.de

CUSTOMIZED GAMES

A CRYPTOLY board game in your corporate design? For your customers, team, fans and investors? We make it possible! Get your own fully customized exclusive CRYPTOLY edition!

You run a blockchain company or operate in the overall blockchain industry? And you want to be part of the original CRYPTOLY board game? With your company as part of it? We can make it possible!

Excited? So are we! Please send us your inquiry via email to info@cryptoly.io or via the contact form on www.cryptoly.io/custom



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