A01 - Cryptowallet Exploration
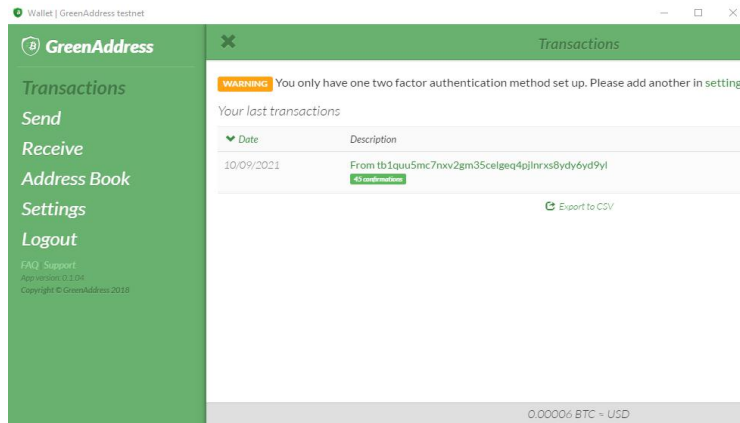
Abhiram reddy P

CB.EN.P2CYS20021

Desktop wallets: GreenAddress

GreenAddress testnet overview

Transaction details

Transaction details

Timestamp
"2021-09-10T05:49:28.000Z"

Hash
e26d98d475a4bd90f827ea58c45257bf57cfadb42b9a3c00892dbc8690cd35f7

Memo
☑ Add

Fee / Size (bytes) / Fee per kB
0.00000143 BTC / 223 / 0.00000641 BTC

Inputs

Address	Amount
tb1quu5mc7nxv2gm35celgeq4pjlnrxs8ydy6yd9yl	0.00014329 BTC

Outputs

Address	Amount
2NFSWSeFLTHJjU521Drw32E5F3zXWweJxJj	0.00006 BTC
tb1qk6wkl2m5r4nyqe5unp05c7uwwesasn66rsa8ew	0.00008186 BTC

Close

Receiving Testnet Faucet to receive Test Cryptocurrency

GreenAddress

Transactions
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Receive

Bitcoin URI	bitcoin:2MyPxBRSJy5uxB1sLpLr7RhówiwrrNSwa2S
Address	2MyPxBRSJy5uxB1sLpLr7RhówiwrrNSwa2S

Current wallet balance is ฿ 421.222. You can get up to ฿ 0.00063.

0.0001 coins sent to 2NDYyojGttBMUy6zQFd7T5UH4P77RLbAfF8

| ฿ | 2NDYyojGttBMUy6zQFd7T5UH4P77RLbAfF8 | 0.0001 | **Send testnet bitcoins** |

BTC Address

Send coins back, when you don't need them anymore: tb1ql7w62elx9ucw4pj5lgw4l028hmuw80sndtntxt

Last Transactions

8ce96b89a713da52d180b50228bb4637830f6c577f1e3c415f03c77d9cc33048	Fri, 10 Sep 2021 14:58:55
2NDYyojGttBMUy6zQFd7T5UH4P77RLbAfF8	-0.0001
pending	0.00000142 fee

All transaction overview

Transactions

0.00026 BTC ≈ USD

Your last transactions

❤ Date	Description	BTC
10/09/2021	From tb1qtef75kjjfnzhvezyw4xvu4pesa2uunyzzjajsa 1 confirmations	0.0001 USD
10/09/2021	From tb1qnn6puz4qvtdtvrpvn54ak7g7fd0268cmt9g6k9 1 confirmations	0.0001 USD
10/09/2021	From tb1quu5mc7nxv2gm35celgeq4pjlnrxs8ydy6yd9yl 48 confirmations	0.00006 USD

Export to CSV

Detailed transaction

Transaction details

Timestamp
"2021-09-10T09:29:28.000Z"

Hash
a4dec54ab3e0c8aedcbd35a872410fe9c931bcdf02dfed402c6c5a3ed9053a6d

Memo
[✔ Add]

Fee / Size (bytes) / Fee per kB
0.00000142 BTC / 223 / 0.00000637 BTC

Inputs

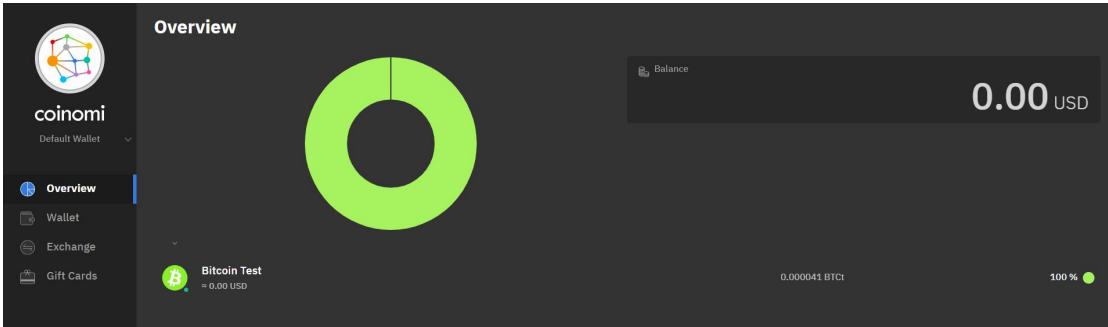| Address	Amount
tb1qnn6puz4qvtdtvrpvn54ak7g7fd0268cmt9g6k9	2.59633567 BTC

Outputs

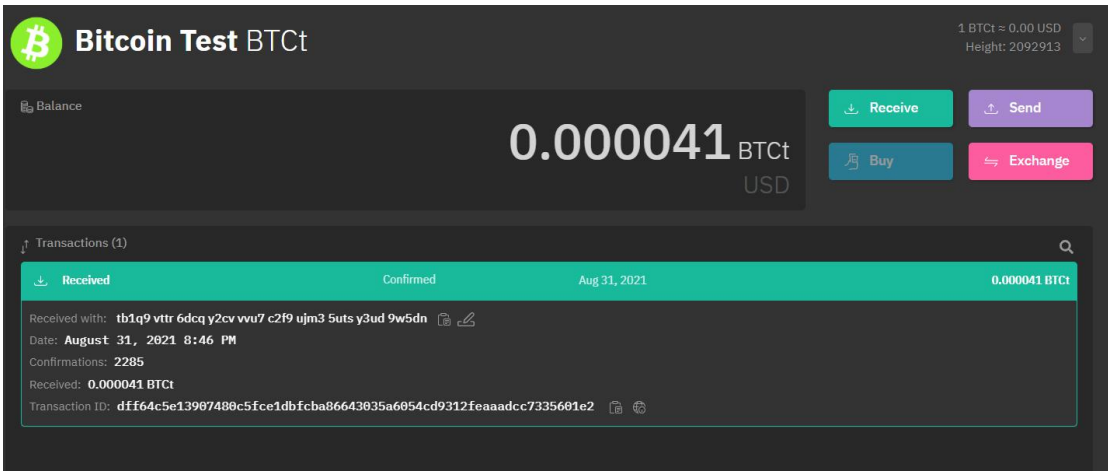| Address	Amount
tb1q9cerem4pc0j8sxqw6hwq2z6ezddgv6sjmetuqe	2.59623425 BTC
2NDYyojGttBMUy6zQFd7T5UH4P77RLbAfF8	0.0001 BTC

Close

Desktop wallets: Coinomi

Coinomi wallet Dashboard overview

Transactions

Detailed transaction

Transaction Details (₿)

dff64c5e13907480c5fce1dbfcba86643035a6054cd9312feaaadcc7335601e2

ID	dff64c5e13907480c5fce1dbfcba86643035a6054cd9312feaaadcc7335601e2
Block No.	2,090,630
Coin	Bitcoin Testnet (BTCTEST, ฿T)
Time	Aug 31, 2021 at 03:16
Status	Confirmed
Confirmations	2,284
# of Inputs	1
# of Outputs	2
Sent Value	0.00010000
Fee	0.00000142
Other Info	Size: 222 bytes, VSize: 141 bytes, Raw Data

Inputs / Senders

Index	Address	Value (BT)
0	tb1ql4kg99hfv980papz6dpksaj6qk68hydfr2g44p	0.00010000
		0.00010000

Outputs / Receivers

Index	Address	Value (BT)
0	tb1qtuwddvge53mn9v9m2axwjkzt57dtdh9n3zw96z	0.00005758
1	tb1q9vttr6dcqy2cvvvu7c2f9ujm35utsy3ud9w5dn	0.00004100
		0.00009858

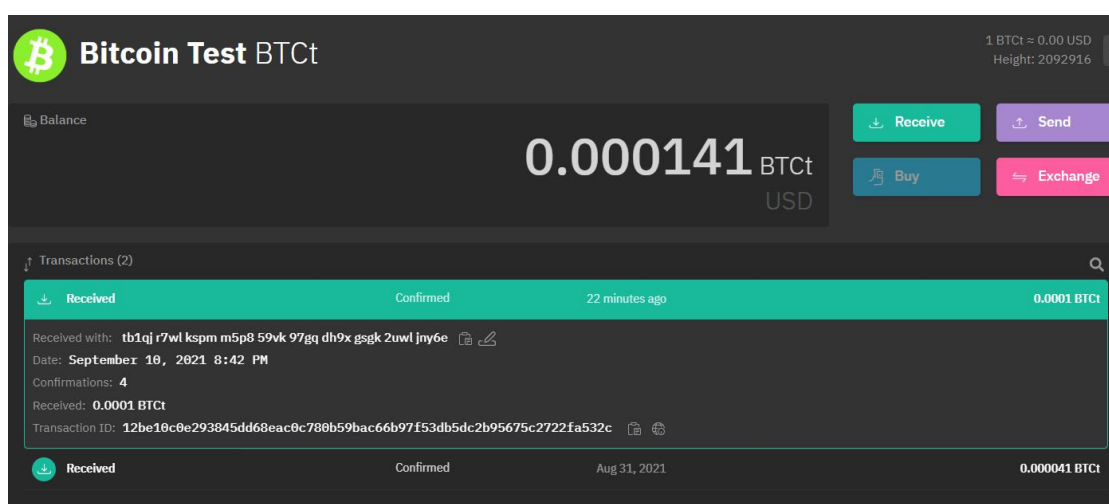Receiving Testnet Faucet to receive Test Cryptocurrency

Receiving address

Requesting Testnet Faucet to receive Test Cryptocurrency
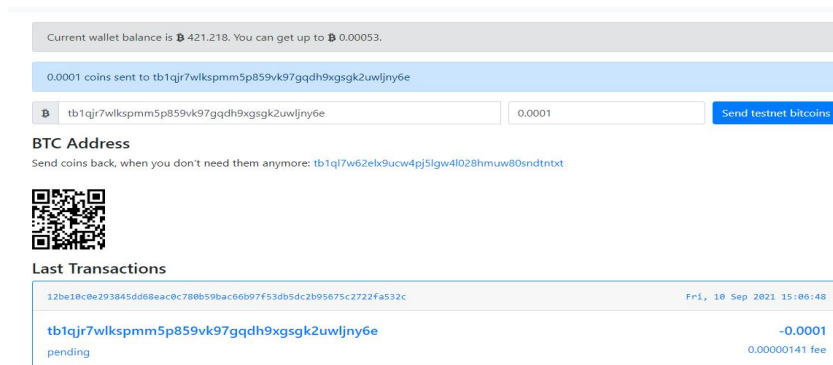
Received transaction

Received transaction details

Transaction Details (₿)

12be10c0e293845dd68eac0c780b59bac66b97f53db5dc2b95675c2722fa532c

ID	12be10c0e293845dd68eac0c780b59bac66b97f53db5dc2b95675c2722fa532c
Block No.	2,092,914
Coin	Bitcoin Testnet (BTCTEST, ₿T)
Time	Sep 10, 2021 at 03:12
Status	Confirmed
Confirmations	3
# of Inputs	1
# of Outputs	2
Sent Value	375.99346782
Fee	0.00000141
Other Info	Size: 222 bytes, VSize: 141 bytes, Raw Data

Inputs / Senders		
Index	Address	Value (₿T)
0	tb1qu0c5n5dyuffnprm8jru5dfekgrkglqg8wt5ujq	375.99346782
		375.99346782

Outputs / Receivers			
Index	Address	Value (₿T)	
0	tb1qjr7wlkspmm5p859vk97gqdh9xgsgk2uwljny6e	0.00010000	›
1	tb1qmf7xjrz686825q2s05tgcssf38awdht45sj7u6	375.99336641	›
		375.99346641	

Web wallets: GreenAddress

Transactions in the Dashboard

Transaction details

Receiving address

(a) GreenAddress

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0.0001106 BTC ≈ USD

Bitcoin URI	bitcoin:2N2oVUtTYHG6cs3b12kY5cdQ3VVgY6fNEPo	⊞ Show QR.Code
Address	2N2oVUtTYHG6cs3b12kY5cdQ3VVgY6fNEPo	

🔧 Show advanced options

Received transaction

(a) GreenAddress

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Transactions

0.0001106 BTC ≈ USD

Your last transactions 🔍

⌄ Date	Description	BTC
10/09/2021	From tb1qk6wkl2m5r4nyqe5unp05c7uwwesasn66rsa8ew, ... 0 confirmations	0.000056 USD
31/08/2021	From tb1q5g2syttvhr7cktcw4v6wxuusxnzk8kzr04n8ll	0.0000546 USD

↗ Export to CSV

Transaction details

Transaction details

Timestamp
"2021-09-10T10:05:28.000Z"

Hash
91b5e419d2545d05547ef731a944e5b2262c354fc81d0d84cffd4638164aa842

Memo
✏ Add

Fee / Size (bytes) / Fee per kB
0.00000211 BTC / 371 / 0.00000569 BTC

Inputs

Address	Amount
tb1qk6wkl2m5r4nyqe5unp05c7uwwesasn66rsa8ew	0.00008186 BTC
tb1q5g2syttvhr7cktcw4v6wxuusxnzk8kzr04n8ll	0.00063 BTC

Outputs

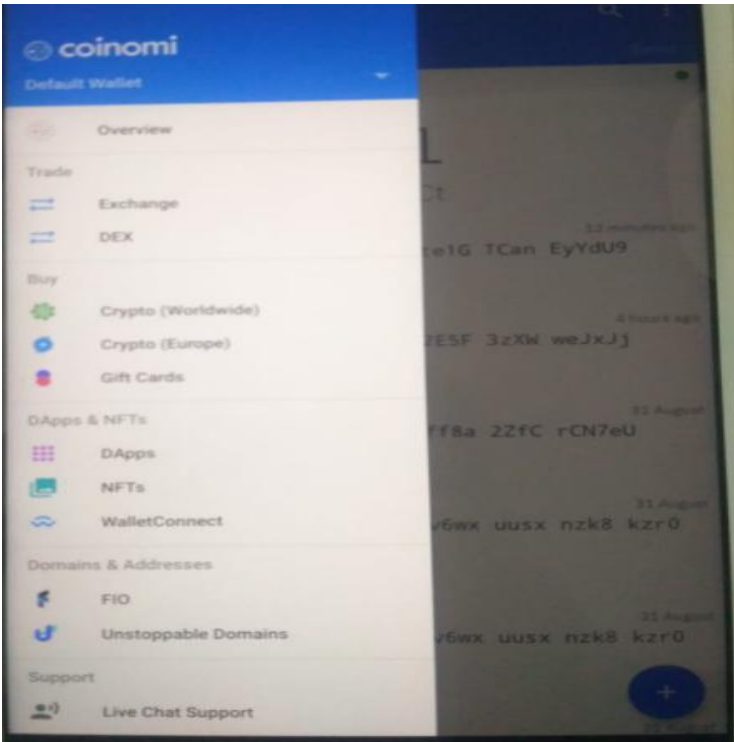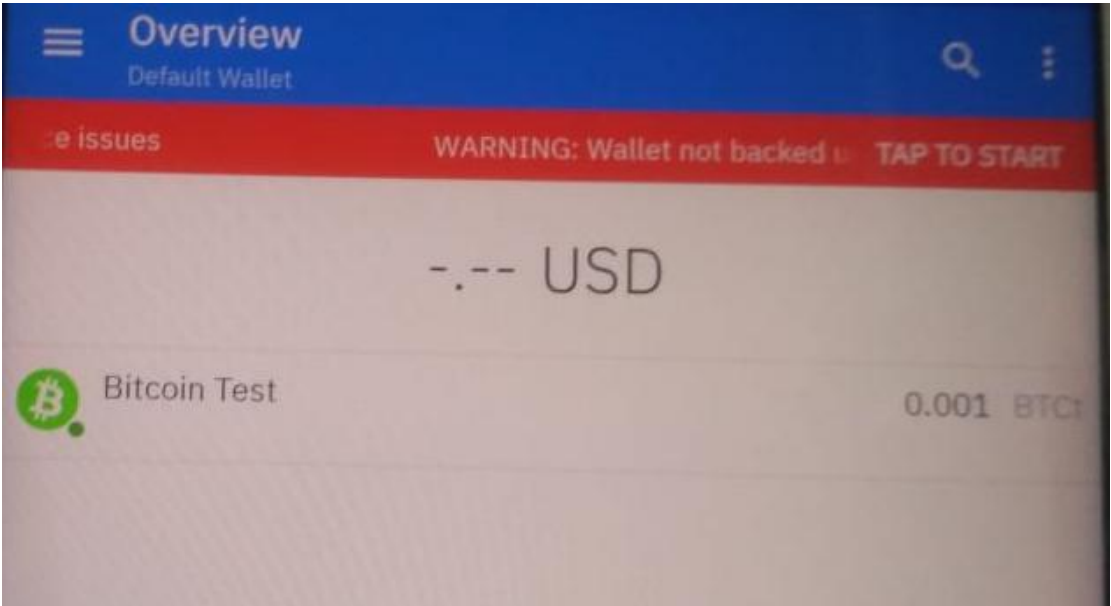| Address	Amount
tb1qeyhp0jq3nz92dxnnj8w04yet8gp53ydpte67ns	0.00065375 BTC
2Mwyko2UrTpjbL4KBHuVJte1GTCanEyYdU9	0.000056 BTC

Close

Mobile wallets: Coinomi

Coinomi wallet overview

Bitcoin test in Coinomi android application

Bitcoin test Transactions in coinomi

Sample transaction

Transaction details
Default Wallet

Date
31 August 2021, 7:28 PM

Status
2302 confirmations

Send
0.00005 BTCt
2MutZ LGHh 1GrY BYeH USDj ff8a 2ZfC rCN7eU

Transaction fee
0.00000211 BTCt

Transaction id
466f4dd43b16ddb6d023047b89d92ca45a15c2c0690f4e3a0c51ec
201a4a1c60

VIEW ON BLOCKCHAIN EXPLORER

Transaction details

SoChain.

Transaction Details
466f4dd43b16ddb6d023047b89d92ca45a15c
2c0690f4e3a0c51ec201a4a1c60

ID	...0c51ec201a4a1c60
Block No.	2,090,617
Coin	Bitcoin Testnet (BTCTEST, BT)
Time	Aug 31, 2021 at 01:58
Status	Confirmed
Confirmations	2,301
# of Inputs	2
# of Outputs	2
Sent Value	0.00020000
Fee	0.00000211
Other Info	Size: 372 bytes, VSize: 210 bytes, Raw Data

Sample transaction

Transaction details
Default Wallet

Date
10 September 2021, 9:14 PM

Status
2 confirmations

Send
0.00006 BTCt
2Mwyk o2Ur Tpjb L4KB HuVJ te1G TCan EyYdU9

Transaction fee
0.00000211 BTCt

Transaction id
91b5e419d2545d05547ef731a944e5b2262c354fc81d0d84cffd46
38164aa842

VIEW ON BLOCKCHAIN EXPLORER

Transaction details

https://chain.so/tx/BTCTEST/91b5e419d2545d05547ef731a94

SoChain.

Transaction Details
91b5e419d2545d05547ef731a944e5b2262c3
54fc81d0d84cffd4638164aa842

ID	...cffd4638164aa842
Block No.	2,092,917
Coin	Bitcoin Testnet (BTCTEST, BT)
Time	Sep 10, 2021 at 03:44
Status	Confirmed
Confirmations	1
# of Inputs	2
# of Outputs	2
Sent Value	0.00071186
Fee	0.00000211
Other Info	Size: 371 bytes, VSize: 209 bytes, Raw Data

cryptocurrency wallet

A cryptocurrency wallet is a device, physical medium, program or a service which stores the public and/or private keys for cryptocurrency transactions.

Private and public key generation

A crypto currency wallet works by a theoretical or random number being generated and used with a length depending on the algorithm size of the cryptocurrency's technology requirements.

A **public key** is then generated from the private key using whichever cryptographic algorithm requirements are required.

The **private key is utilised by the owner to access** and send cryptocurrency and is private to the owner, whereas the **public key is to be shared to any third party to receive cryptocurrency**.

Seed phrases

In modern convention a seed phrase is now utilized which is a 12 to 24 word and greater word phrase that is an unencrypted form of the private key in dictionary word format which is simpler to remember then a encrypted cryptographic key in another string format.

Wallets

A number of technologies known as wallets exist that store the key value pair of private and public key known as wallets. A wallet hosts the details of the key pair making transacting cryptocurrency possible.

Sample GreenAddress Wallet creation

Passphrase generation which will act as private key
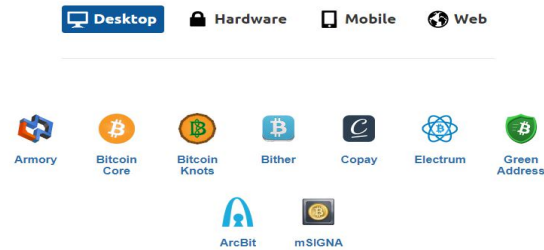

Public key generated from private key to receive Bitcoins

Bitcoin wallets in different platforms

Windows desktop

Choose your Bitcoin wallet

Find your wallet and start making payments with merchants and users.

Desktop   Hardware   Mobile   Web

Armory   Bitcoin Core   Bitcoin Knots   Bither   Copay   Electrum   Green Address

ArcBit   mSIGNA

hardware

Desktop   Hardware   Mobile   Web

Digital Bitbox   KeepKey   Ledger Nano S   Trezor

Android mobile

Desktop   Hardware   Mobile   Web

ArcBit   BTC.com   Coin.Space   Copay   Edge   GreenBits   Mycelium

Airbitz   Simple Bitcoin   Bitcoin Wallet   Bither   BRD   Electrum

web

Desktop   Hardware   Mobile   Web

BTC.com   Coin.Space   BitGo