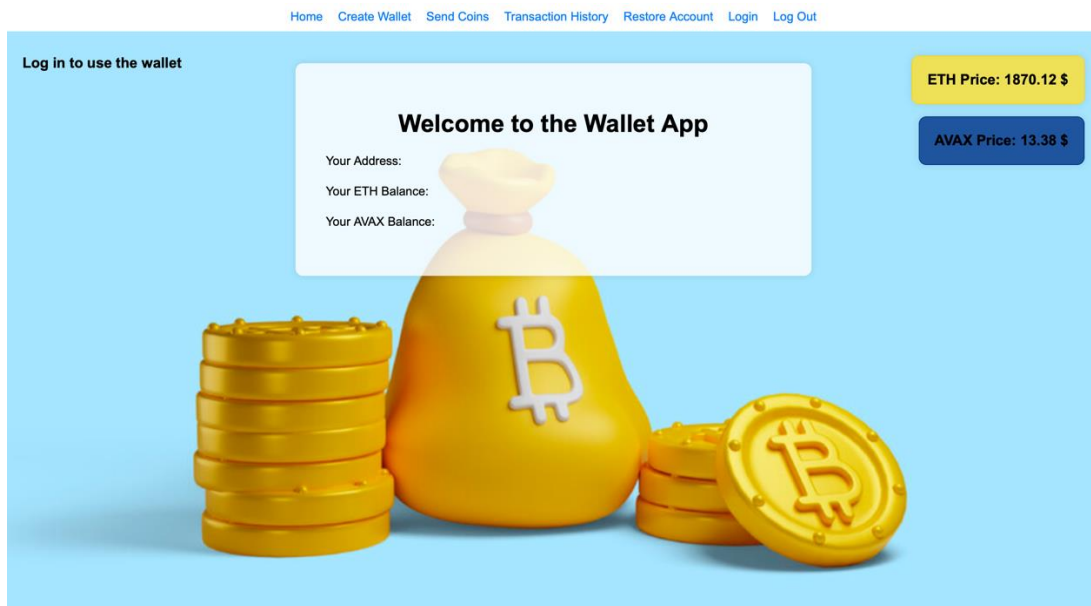
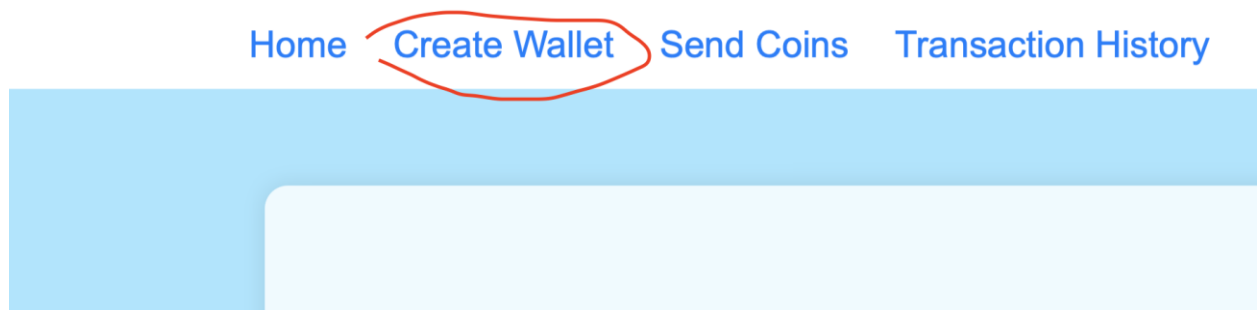


# Wallet Guide

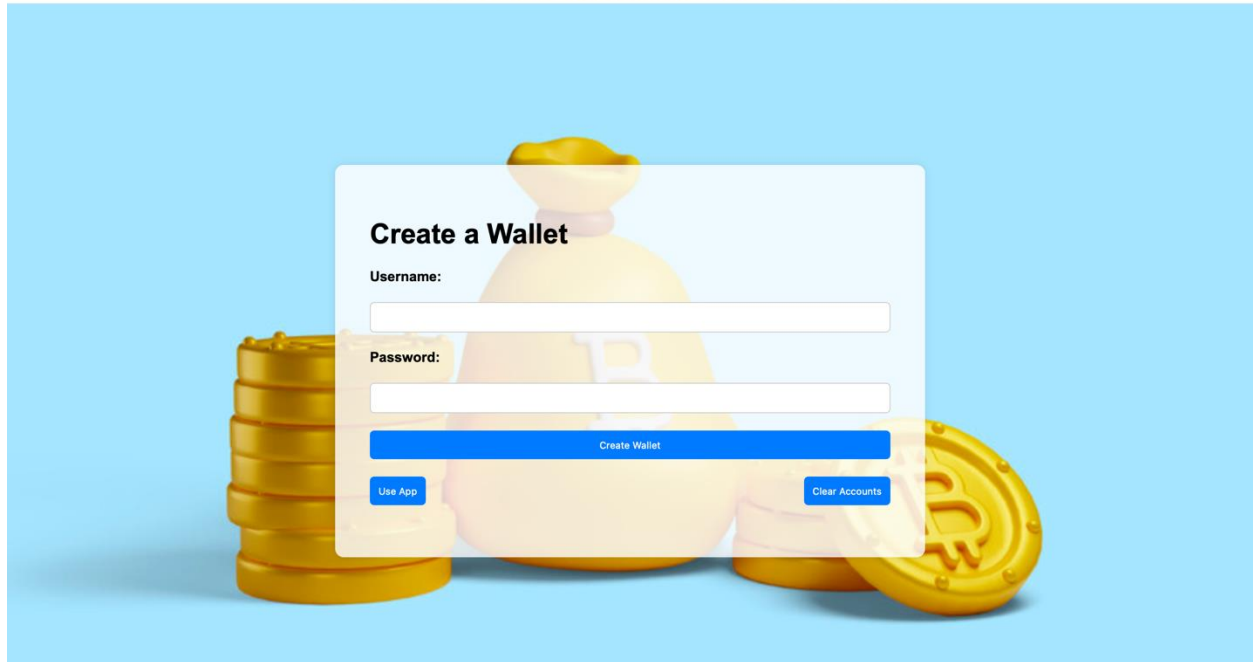
when you access the Wallet App home page (index2), you will find the current prices of ETH and AVAX displayed on the right side of the page in USD. Additionally, you will see a menu at the top of the page providing easy navigation to different sections of the application.



To use the app properly first we must create an account,



Upon reaching the "Create Wallet" page, you will encounter a form containing fields for username and password. Please provide your desired username in the "Username" field, and similarly, enter your preferred password in the respective field.

The form is titled "Create a Wallet" and is set against a light blue background featuring a large Bitcoin bag and several gold coins. The form itself is a white rectangle with a subtle shadow. It contains two input fields: "Username:" and "Password:". Below these fields are three buttons: a large blue "Create Wallet" button, and two smaller blue buttons, "Use App" and "Clear Accounts", positioned at the bottom left and right respectively.

**Create a Wallet**

Username:

Password:

Create Wallet

Use App

Clear Accounts

After choosing a username and a password you will get your account address and the seed phrase

## Create a Wallet

**Username:**

**Password:**

Create Wallet

Use App

Clear Accounts

Username: Mario, Account Address:  
0xb476671052a6b705fe8c987e2767f7468781ee0b

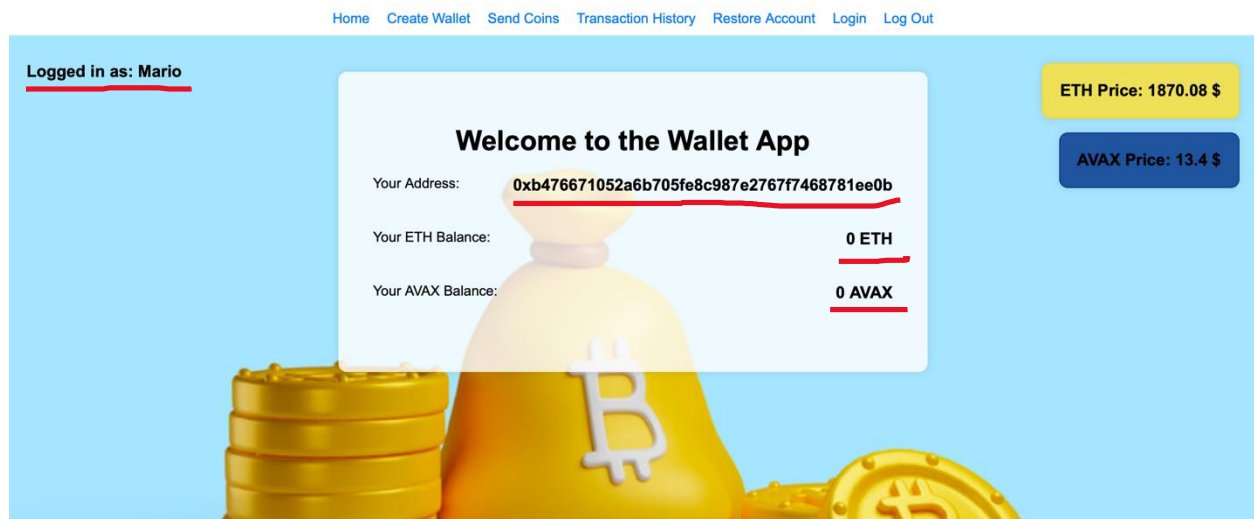
absent pig crowd tired garbage trigger industry wait hand welcome kiss solve

Store the seed phrase somewhere safe and click on use app to continue as the new user.

**Note: we added the Clear Accounts for testing purposes only.**

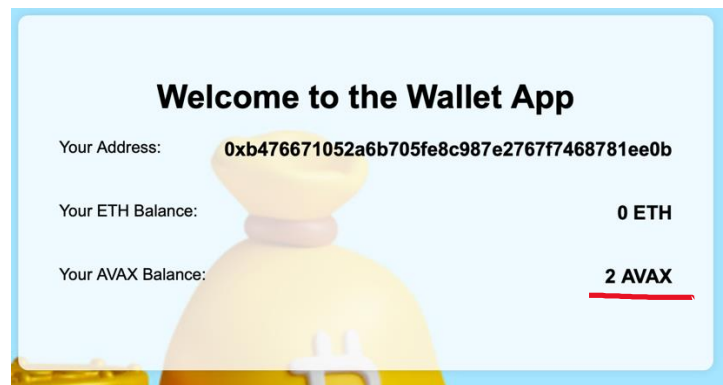
**Note: It is not possible to create a new account while already logged in. If you attempt to create an account while being logged in, you will receive a notification indicating that you are already logged in. This functionality is in place to prevent the creation of multiple accounts while a user is already authenticated.**

Now you can see your address so you can copy it easily and will show your username with the balance of your account for each currency



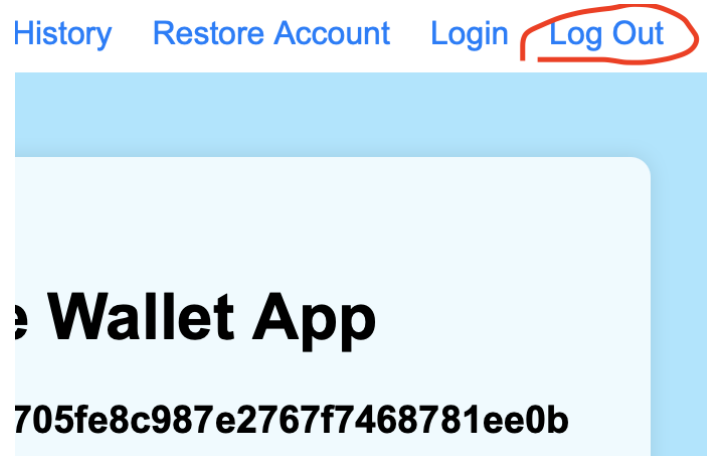
We used an Avalanche test faucet to fill the add AVAX to the account (optional step for testing). Faucet link: <https://core.app/en/tools/testnet-faucet/?subnet=c&token=c>

And after refreshing the page the balance got updated



Now we want to make a transaction but first we must create another account.

To create another account, click on the logout button on the menu.



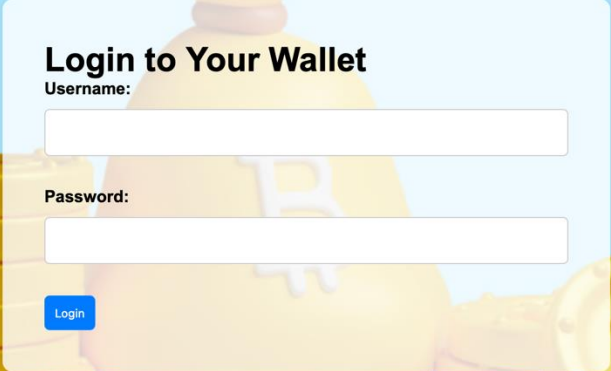
Now it will take us to the login page click on create wallet again to create another account and create one.

The image shows a 'Create a Wallet' form. It has two input fields: 'Username:' with the value 'user2' and 'Password:' with a single dot. Below the password field is a blue 'Create Wallet' button. At the bottom of the form are two smaller buttons: 'Use App' and 'Clear Accounts'. Below the buttons, the text 'Username: user2, Account Address:' is followed by a long alphanumeric address: '0xe5b65a56c8463d99498e72c59bbfcca001c61ef3'. At the very bottom, there is a row of small, colorful words: 'expose abandon empower card umbrella warm eagle media tired trash bind person'.

Copy the address of the new user from this page or from the home page(index2)

Now click logout and login the first account to make a transaction.  
Here go put the username and the password of the first account

Home Create Wallet Send Coins Transaction History Restore Account Login Log Out



**Login to Your Wallet**

Username:

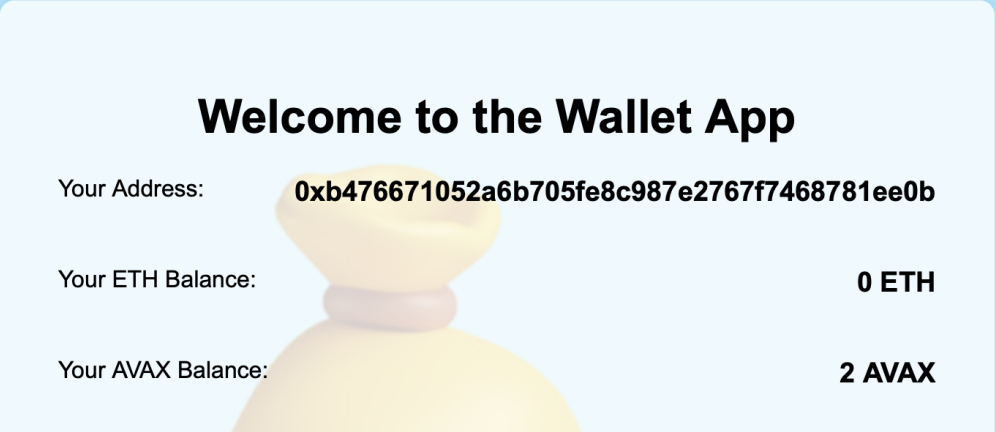
Password:

Login

The login form is centered on a light blue background. Behind the form, there is a large yellow money bag with a Bitcoin symbol and several stacks of gold coins. The form has a white background and rounded corners. The 'Login' button is a small blue rectangle with white text.

After clicking login, it will take us back to the home page, now click on send coins.

Home Create Wallet Send Coins Transaction History Restore Account Login Log Out



**Welcome to the Wallet App**

Your Address: **0xb476671052a6b705fe8c987e2767f7468781ee0b**

Your ETH Balance: **0 ETH**

Your AVAX Balance: **2 AVAX**

The 'Send Coins' link in the navigation bar is circled in red. The main content area has a light blue background with a large white rounded rectangle in the center. Inside this rectangle, the text is black. There is a faint background image of a yellow money bag and gold coins.

Paste the second account address on the id Recipient's Wallet ID: , and choose the amount and choose AVAX (because we added the AVAX from the faucet)

Home Create Wallet Send Coins Transaction History Restore Account Login Log Out

Logged in as: Mario

### Send Coins

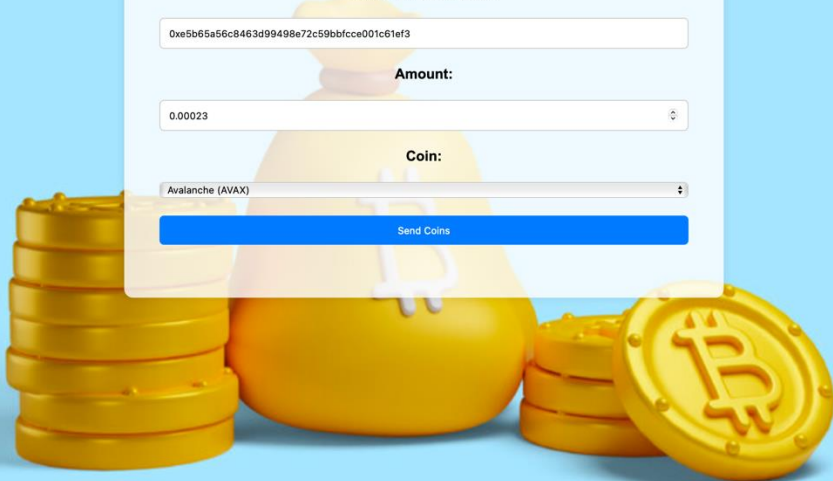
Recipient's Wallet ID:

Amount:

Coin:

Avalanche (AVAX)

Send Coins



Upon initiating the "Send Coins" operation, the system will generate a unique transaction hash, indicating the successful completion of the transaction.

Home Create Wallet Send Coins Transaction History Restore Account Login Log Out

Logged in as: Mario

### Send Coins

Recipient's Wallet ID:


Amount:

Coin:

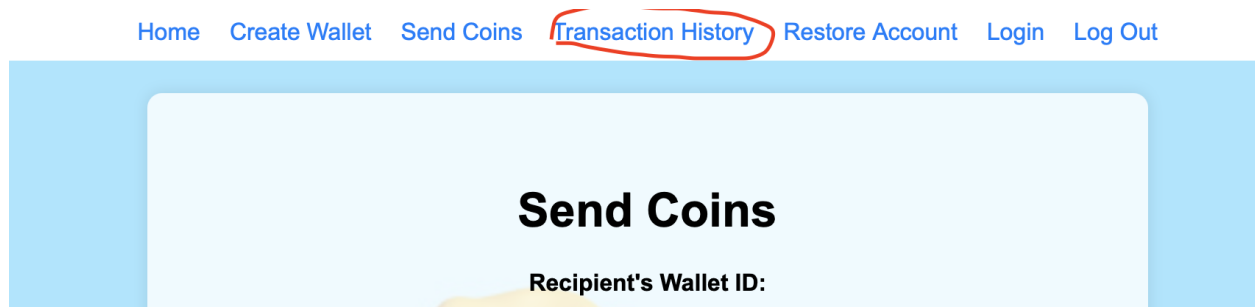
Avalanche (AVAX)

Send Coins

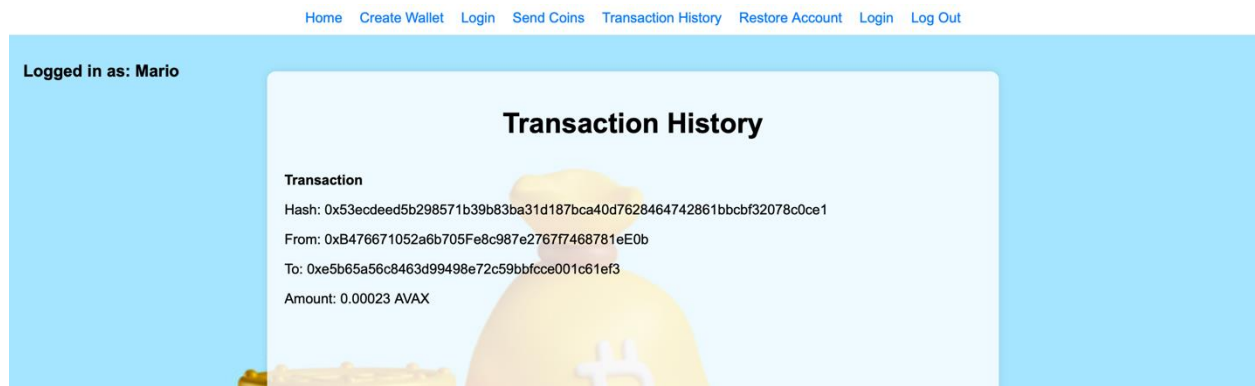
Transaction sent successfully. Transaction hash:  
0x53ecdeed5b298571b39b83ba31d187bca40d7628464742861bbcf32078c0ce1



To view the transaction details, please click on the "Transaction History" option.




Within the transaction details section, you will find comprehensive information regarding the transactions. Additionally, you will notice that the transaction is displayed in AVAX. In the case of an Ethereum transaction, it will be denoted as ETH instead of AVAX.



Additionally, the transaction will also be visible in the transaction list of the receiver's account. This ensures that both the sender and receiver can track and verify the transaction details in their respective transaction histories.



To verify the successful execution of the transaction on the Avalanche Fuji blockchain, we provide a screenshot captured from SnowTrace. This screenshot serves as concrete evidence that the transaction was completed without any issues. It further validates the reliability and accuracy of the transaction details presented.

 **SNOWTRACE** Testnet

Testnet Network

All Filters ▼ Search by Address / Txn Hash / Block / Token 🔍

Home Blockchain ▼ Tokens ▼ Misc ▼ Testnet

Transaction Details

Overview

[ This is an Avalanche Chain **Testnet** transaction only ]

Transaction Hash:

0x53ecdeed5b298571b39b83ba31d187bca40d7628464742861bbcbf32078c0ce1 🔗

Status:

Success

Block:

24046444 305 Block Confirmations

Timestamp:

🕒 11 mins ago (Jul-11-2023 01:28:38 PM +UTC)

From:

0xb476671052a6b705fe8c987e2767f7468781ee0b 🔗

To:

0xe5b65a56c8463d99498e72c59bbfccc001c61ef3 🔗

Value:

0.00023 AVAX (\$0.00)

Transaction Fee:

0.00114114 AVAX (\$0.03)

Gas Price:

0.00000005434 AVAX (54.34 nAVAX)

Click to see More ⬇️

Here is the link to access the transaction details:

<https://testnet.snowtrace.io/tx/0x53ecdeed5b298571b39b83ba31d187bca40d7628464742861bbcbf32078c0ce1>

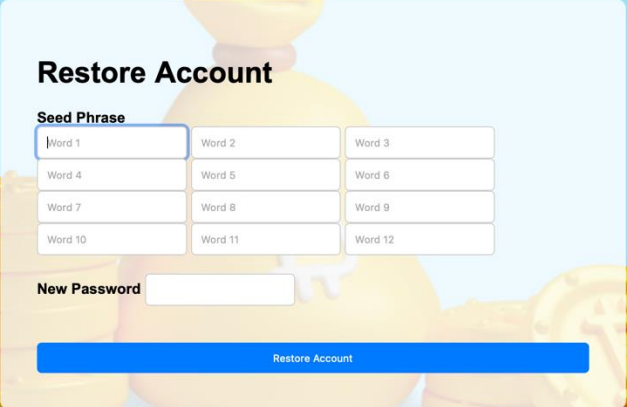
To restore an account, please follow these steps:

Log out from the current account by clicking on the "Log Out" button, Once logged out, click on the "Restore Account" option.

[Home](#) [Create Wallet](#) [Send Coins](#) [Transaction History](#) [Restore Account](#) [Login](#) [Log Out](#)

To restore your account, enter the seed phrase that was provided during the account creation process. This seed phrase serves as the key to recovering your account and accessing your funds. Additionally, enter a new password for your account.

[Home](#) [Create Wallet](#) [Send Coins](#) [Transaction History](#) [Restore Account](#) [Login](#) [Log Out](#)



**Restore Account**

**Seed Phrase**

Word 1	Word 2	Word 3
Word 4	Word 5	Word 6
Word 7	Word 8	Word 9
Word 10	Word 11	Word 12

**New Password**

[Restore Account](#)

After adding them click on Restore Account

**Restore Account**

**Seed Phrase**

absent	pig	crowd
tired	garbage	trigger
industry	wait	hand
welcome	kiss	solve

**New Password** ...|

**Restore Account**

If you receive the message "Successfully logged in, password restored!" after entering the seed phrase and setting a new password, it indicates that your account has been successfully restored, and you are now logged in. Please note that if a user is already logged in, they will receive a message indicating that they are already logged in. In case the seed phrase entered is incorrect, the user will receive an error message indicating an incorrect seed phrase.

**New Password** ...

**Successfully logged in, password is restored!**

**Restore Account**

Thank you for using our application! We hope you have a great experience with our wallet app

**\*Note: We have also conducted a transaction using the Goerli testnet on the Ethereum (ETH) Blockchain.**

## Send Coins

Recipient's Wallet ID:

0x84da9302aee3404c7c5a985819be14744f777a4e

Amount:

0.00055

Coin:



Ethereum (ETH)

Send Coins

Transaction sent successfully. Transaction hash:  
0x8eab07bc0965d9b7dbd97abb0c1e87f7328b84b2319a96c55c3185a4a565c2c9

Goerli Testnet

Search by Address / Txn Hash / Block / Token



Etherscan

HomeBlockchainTokensNFTsMisc

Transaction Details

OverviewStateMore

[ This is a Goerli Testnet transaction only ]

Transaction Hash:

0x8eab07bc0965d9b7dbd97abb0c1e87f7328b84b2319a96c55c3185a4a565c2c9

Status:

Success

Block:

93237391 Block Confirmation

Timestamp:

19 secs ago (Jul-10-2023 07:08:36 PM +UTC)

From:

0xA8C4e5F1E0fC3A19692774EF03af33D717601A48

To:

0x84da9302Ae3404C7C5A985819BE14744f777a4e

Value:

0.00055 ETH (\$0.00)

Transaction Fee:

0.00114114 ETH (\$0.00)

Gas Price:

54.34 Gwei (0.00000005434 ETH)

More Details:

+ Click to show more

Here are a few notes to include:

- 1. Gas Price:** We used a gas price of 54.34 Gwei for the transaction. This value was chosen as it represents the average price during the current time.
- 2. Transaction API:** To facilitate the transaction for ETH, we utilized an API mentioned in the notes of the main.js file.  
(<https://goerli.infura.io/v3/7c4d9eaf0d0c4a29aff1792d62ab7193>)
- 3. API Sources:** In the project notes, we have documented three API sources. The first one is from now nodes.io. The second API is from Infura, as mentioned in point 2. Lastly, for Avalanche, we used the Fuji testnet API. Please note that the mainnet API for Avalanche can be found at:  
(<https://avalanche-mainnet.infura.io/v3/7c4d9eaf0d0c4a29aff1792d62ab7193>)

**Thank you.**