

Stablecoins on Sui

Stablecoins are a type of cryptocurrency that are designed to maintain a stable value relative to a fiat currency or a basket of assets. They are widely used for trading, lending, and as a store of value.

On Sui, you can interact with various stablecoins such as USDC, USDT, Agora, and Ondo USDY.

USDC is a fully collateralized US dollar stablecoin issued by regulated financial institutions. Each USDC token is backed by one US dollar held in reserve. USDC is widely used for trading, payments, and as a stable store of value.

For more detailed information on how to interact with USDC on Sui, refer to the [USDC guide](#).

Site: [Circle](#)

USDT, also known as Tether, is one of the oldest and most widely used stablecoins. It is pegged to the US dollar and is backed by a mix of reserves, including cash, cash equivalents, and other assets.

USDT is currently not issued natively on Sui. For more information on bridging USDT to Sui, refer to [SUI Bridging](#).

Site: [Tether](#)

AUSD is a fully collateralized US dollar stablecoin issued by Agora Finance.

Site: [Agora Finance](#)

USDY is a fully collateralized US dollar stablecoin issued by Ondo Finance, allowing users to earn yield from US Treasury Bills.

Site: [Ondo Finance](#)

While this example uses USDC, the same principles can be applied to any asset on Sui that uses the [Sui Coin standard](#).

The USDC stablecoin source code is available in the [circlefin/stablecoin-sui](#) repository.

To import the USDC module, add the following line to the [dependencies] section of your Move package's Move.toml file:

After importing the module, your Move package should look like the following:

The usdc package uses a specific version of the sui package, which causes a version conflict with the Sui package in the Sui framework. You can override the version of the Sui package in your Move.toml file to use a different version. Add the `override = true` flag to the Sui package in your Move.toml file.

USDC uses the [Sui Coin standard](#) and can be used just like any other coin type in the Sui framework.

After importing the usdc package, you can use the USDC type.

Then use the USDC type just as you would use the SUI type when accepting a Coin parameter.

The following example demonstrates how to use the USDC stablecoin in a Move package and how it relates to using the SUI type as well as any generic coin types.

Use USDC in your [PTBs](#) just like any other coin type.

Create a Coin object with the `coinWithBalance` function.

0xa1ec7fc00a6f40db9693ad1415d0c193ad3906494428cf252621037bd7117e29 is the [Testnet address](#) for USDC, while 0xdba34672e30cb065b1f93e3ab55318768fd6fef66c15942c9f7cb846e2f900e7 is the [Mainnet address](#).

This coin object can be used as a parameter for any function that accepts a Coin parameter or a generic Coin parameter.

This coin object can also be used as input for the `transferObjects` function.

Available stablecoins

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How to use USDC on Sui

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Related links