

# SPL TAX TOKEN

## ① Create a Token with a 3% Transfer Fee

`--transfer-fee-basis-points 300`: 3%

`--transfer-fee-maximum-fee 30000`: max fee (30%)

```
spl-token --program-id  
TokenzQdBNbLqP5VEhdkAS6EPFLC1PHnBqCXEpPxE  
b create-token --transfer-fee-basis-points 300  
--transfer-fee-maximum-fee 3000
```

```
block107@DESKTOP-MP20VNB:/mnt/c/2025/taxtoken$ spl-token --program-id TokenzQdBNbLqP5VEhdkAS6EPFLC1PHnBqCXEpPxEb create-token --transfer-fee-basis-points 300 --transfer-fee-maximum-fee 3000  
Creating token 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe under program TokenzQdBNbLqP5VEhdkAS6EPFLC1PHnBqCXEpPxEb  
Address: 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe  
Decimals: 9  
Signature: Ycni#RaolNcnLbH9Dd1C6ekpRsF2X6FKVjGCs9rQQowqPvdpqBzVouK4BWA6ZB2nSHMdg1UHHQTeJo8J73mvpPp
```

Mint Address =

2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe

## ② Create a Token Account

```
spl-token create-account  
2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe
```

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token create-account 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe
Creating account CgBet8XbFD2Xa8ULi1VhCZVUEcBYvXZS2Z9Guc2Xuhmd

Signature: 24GxXnuSiAmRrmSu1azPMXF4ucVtm7d5tYiL6ERPES3uXiEpjxNAbg6K7LXr9T6uoXQEEMW7uiRAwdZFXS1SuUiA
```

### 3 Mint Tokens

spl-token mint

2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe  
1000000000

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token mint 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe 1000000000
Minting 1000000000 tokens
Token: 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe
Recipient: CgBet8XbFD2Xa8ULi1VhCZVUEcBYvXZS2Z9Guc2Xuhmd

Signature: 2EtmJ4eS7CcCHsrHxAmd7ztDxTRXCeHtgPAbbHGP8u9xYTs9KesXbRwmDdTCLCiM5LuwaNnbZuwkaxa81tA8U6L
```

Token-2022 Mint		Refresh
Address	2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe	
Current Supply	1,000,000,000	
Mint Authority	4tUfRKw6jhoksur1VYZBwqGgXh8g4qbN32ouVv4NdHv6	
Decimals	9	
Extensions	transferFeeConfig	

### 4 View Token Details

spl-token display

2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token display 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe
```

#### SPL Token Mint

Address: 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe  
Program: TokenzQdBNbLqP5VEhdkAS6EPFLC1PHnBqCXEpPxuEb  
Supply: 1000000000000000000  
Decimals: 9  
Mint authority: 4tUfRKw6jhoksur1VYZBwqGgXh8g4qWN32ouVv4NdHV6  
Freeze authority: (not set)

#### Extensions

##### Transfer fees:

Current fee: 300bps  
Current maximum: 3000000000000  
Config authority: 4tUfRKw6jhoksur1VYZBwqGgXh8g4qWN32ouVv4NdHV6  
Withdrawal authority: 4tUfRKw6jhoksur1VYZBwqGgXh8g4qWN32ouVv4NdHV6  
Withheld fees: 0

## 5 View Token Supply

spl-token supply

2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token supply 2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe  
1000000000
```

## 6 Generate a new keypair

solana-keygen new -o recipient1.json

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ solana-keygen new -o recipient1.json
Generating a new keypair
```

For added security, enter a BIP39 passphrase

NOTE! This passphrase improves security of the recovery seed phrase NOT the keypair file itself, which is stored as insecure plain text

BIP39 Passphrase (empty for none):

Wrote new keypair to recipient1.json

```
=====
pubkey: FRXH1vkcNu1vGbiKvmQXUj3cyTfUWuVMDmNMcYwoCV
=====
```

Save this seed phrase and your BIP39 passphrase to recover your new keypair:  
warrior kitten ramp crouch want swing source churn rug ghost iron square  
=====

Recipient address =

FRXH1vkcNu1vGbiKvmQXUj3cyTfUWuVMDmNMcYwo  
CV

## ⑦ Transfer Tokens with 3% Fee Enabled

**--fund-recipient:** Creates ATA if it doesn't exist.

**--allow-unfunded-recipient:** Required for  
Token-2022 tokens.

spl-token transfer

2YsYQ3Mz6fGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe  
10000

FRXH1vkcNu1vGbiKvmQXUj3cyTfUWuVMDmNMcYwo  
CV --fund-recipient --allow-unfunded-recipient

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token transfer 2YsYQ3Mz6FGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe 10000 FRXH1vkcnu1vGb1KvmQXUj3cyTFuMuVMDmNMuCTYwoC
V --fund-recipient --allow-unfunded-recipient
Transfer 10000 tokens
Sender: CgBet8xbFD2Xa8ULi1VhCZVUEcBYvXZS2Z9Guc2Xuhmd
Recipient: FRXH1vkcnu1vGb1KvmQXUj3cyTFuMuVMDmNMuCTYwoCV
Recipient associated token account: 2naNzgAHTC5VTukb21AkZmguZfhnba6GWFJys9VsPk7V
Funding recipient: 2naNzgAHTC5VTukb21AkZmguZfhnba6GWFJys9VsPk7V

Signature: 4iawpKi2ihyMfmRTyTqVAkBGmYCUtKwo3wAUci18QqRoUD5L2e7QympFk5FMk4SPcz8vYFm9FnhUvQ7m4CNDLec
```

# Recipient ATA balance

Token-2022 Account

Refresh

Address	2naNzgAHTC5VTukb21AkZmguZfhnba6GWFJys9VsPk7V
Mint	2YsYQ3Mz6FGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe
Owner	FRXH1vkcnu1vGb1KvmQXUj3cyTFuMuVMDmNMuCTYwoCV
Token balance	9700
Status	Initialized
Extensions	transferFeeAmount immutableOwner

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Check Token Balances

# spl-token accounts

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token accounts
Token                                     Balance
-----
GX8N3uY6SK86TNUQqeYew8Rx5TuyVS2DF4ioquCKkazm 0
2YsYQ3Mz6FGdxvS7itNzCsgiFW6Yue8JNdzGncw85WWe 999990000
BN6qrgVBsn3qVairEVYHJvVsbAD8eF1VvN1RMTnGuuh6 999989900
```

## Some more commands

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ solana --version
solana-cli 2.0.19 (src:2c653b09; feat:607245837, client:Agave)
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ spl-token --version
spl-token-cli 4.1.1
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ node --version
v23.6.0
```

```
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ solana balance
10 SOL
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ solana config get
Config File: /home/block107/.config/solana/cli/config.yml
RPC URL: https://api.devnet.solana.com
WebSocket URL: wss://api.devnet.solana.com/ (computed)
Keypair Path: payer.json
Commitment: confirmed
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$ solana address
4tUfRKw6jhoksUR1VYZBWqGgXh8g4qWN32ouVv4NdHV6
block107@DESKTOP-MP20VN3:/mnt/c/2025/taxtoken$
```