freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

Hyfye

$HYE

19/07/2025

AUDIT REPORT

TOKEN OVERVIEW

Fees

• Buy fees:	1%
• Sell fees:	2%

Fees privileges

- Can change buy fees up to 10%, sell fees up to 10% and transfer fees up to 10%

Ownership

- Owned

Minting

- Mint function not detected

Max Tx Amount / Max Wallet Amount

- Can’t change max tx amount and / or max wallet amount

Blacklist

- Blacklist function not detected

Other privileges

- Trading is disabled by default and must be manually enabled by the owner. Until enabled, only exempted addresses can interact with the token. This could delay public trading or allow selective early access.

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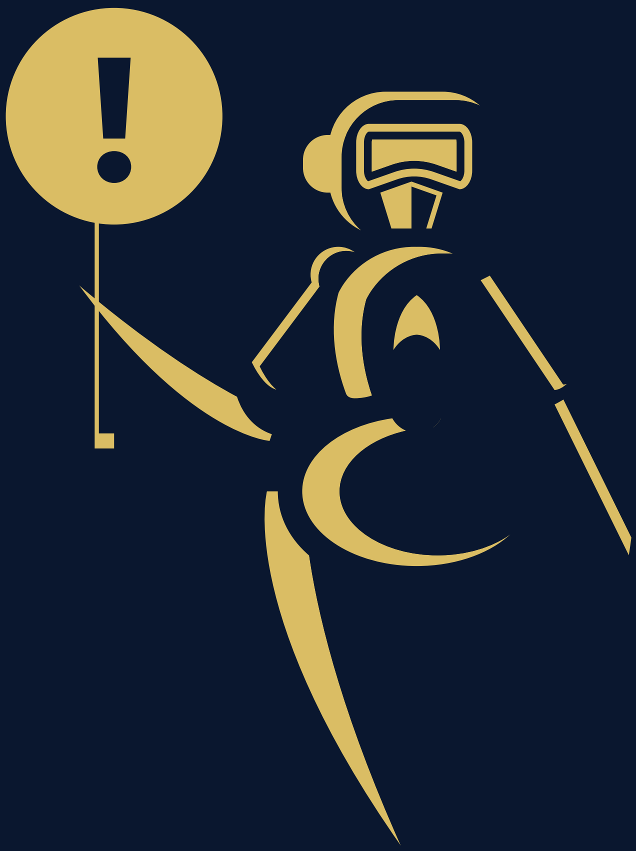
DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website https://freshcoins.io
FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy (RUG or Honeypot etc)



INTRODUCTION

FreshCoins (Consultant) was contracted by Hyfye (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x905560fd93cc4534ddb9f75f81bf86af2ccb9304

Network: Binance Smart Chain (BSC)

This report presents the findings of the security assessment of Customer’s smart contract and its code review conducted on 19/07/2025

WEBSITE DIAGNOSTIC

https://hyfye.com/

🟥	🟨	🟩
0-49	50-89	90-100

84	87	86	92	NA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

Socials

X (Twitter)

https://x.com/hyfyetoken

Telegram

https://t.me/hyfyetoken

AUDIT OVERVIEW

84

Security Score

94

Static Scan

Automatic scanning for common vulnerabilities

90

ERC Scan

Automatic checks for ERC's conformance

1	High
1	Medium
1	Low
0	Optimizations
0	Informational

No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Low
3	Front running	Low
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed

OWNER PRIVILEGES & FINDINGS

🔴 Trading Requires Manual Activation

Trading is disabled by default and must be manually enabled by the owner. Until enabled, only exempted addresses can interact with the token. This could delay public trading or allow selective early access.

```
function enableTrading() external onlyOwner{
      require(!tradingEnabled, "CBUL: Trading already enabled.");
      tradingEnabled = true;
      swapEnabled = true;

      emit TradingEnabled(tradingEnabled);
}
```

🟡 Configurable Fee Parameters Allow Up to 10% per Transaction Type

The contract allows the fee for buys, sells, and transfers to be set independently, up to 10% each. While this level of configurability is sometimes used in reflection or treasury tokens, combined fees of up to 30% can negatively impact user experience and trading volume. It may also raise investor concerns over fee volatility.

```
function updateFees(uint256 _feeOnSell, uint256 _feeOnBuy, uint256 _feeOnTransfer) external onlyOwner {
      feeOnBuy = _feeOnBuy;
      feeOnSell = _feeOnSell;
      feeOnTransfer = _feeOnTransfer;

      require(feeOnBuy <= 10, "CBUL: Total Fees cannot exceed the maximum");
      require(feeOnSell <= 10, "CBUL: Total Fees cannot exceed the maximum");
      require(feeOnTransfer <= 10, "CBUL: Total Fees cannot exceed the maximum");
      emit UpdateFees(feeOnSell, feeOnBuy);
}
```

🟢 Fee Receiver Address Is Modifiable

The feeReceiver address, which collects ETH/BNB from swap-based fees, can be changed at any time by the owner. If a non-payable or incompatible contract address is set, it could result in permanent loss of collected funds or failed transfers. Additionally, since this address has no restrictions, it could be changed to a malicious or inaccessible destination.

```
function changeFeeReceiver(address _feeReceiver) external onlyOwner{
      require(_feeReceiver != address(0), "CBUL: Fee receiver cannot be the zero address");
      feeReceiver = _feeReceiver;

      emit FeeReceiverChanged(feeReceiver);
}
```

Recommendation:

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.

CONCLUSION AND ANALYSIS

Smart Contracts within the scope were manually reviewed and analyzed with static tools.

Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.

Found 1 HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees:	1%
Sell fees:	2%
Max TX:	N/A
Max Sell:	N/A

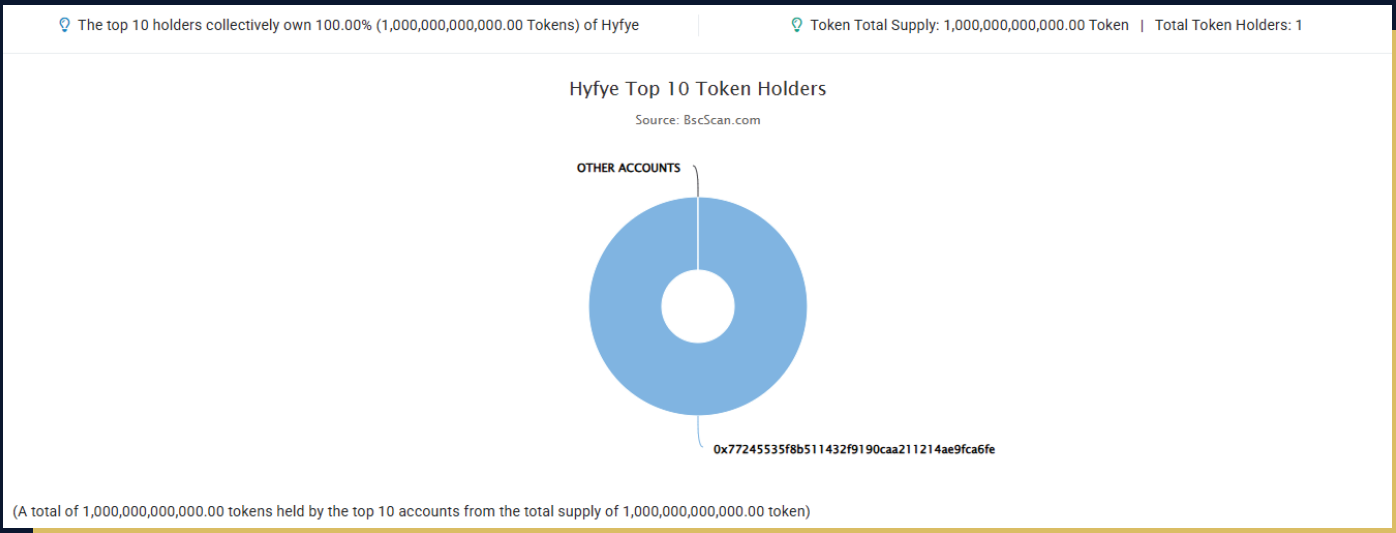
Honeypot Risk

Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Rug Pull Risk

Liquidity:	N/A
Holders:	100% unlocked tokens

HYE TOKEN ANALYTICS
& TOP 10 TOKEN HOLDERS



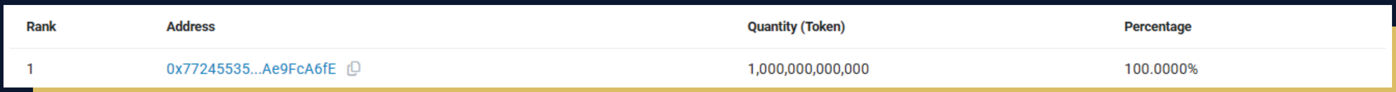
The top 10 holders collectively own 100.00% (1,000,000,000,000.00 Tokens) of Hyfye

Token Total Supply: 1,000,000,000,000.00 Token | Total Token Holders: 1

Hyfye Top 10 Token Holders

Source: BscScan.com

(A total of 1,000,000,000,000.00 tokens held by the top 10 accounts from the total supply of 1,000,000,000,000.00 token)



Rank	Address	Quantity (Token)	Percentage
1	0x77245535...Ae9FcA6fE	1,000,000,000,000	100.0000%

TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can’t guarantee the explicit security of the audited project / smart contract.