

# **ZiGX Deployment Instructions – 8 August 2025 @ 8:08AM**

## ***Step 1: Prepare Your Wallet***

Use MetaMask in Chrome and log into: 0x6120210b67D450b9bf4c8d5175edb6547BcE00aa  
Ensure you have at least 0.01 BASE ETH available in this wallet. Use <https://bridge.base.org> if needed to move funds to Base Mainnet.

## ***Step 2: Open Remix***

Visit <https://remix.ethereum.org> and create a new file named ZiGX\_Final\_Optimized.sol. Paste in your final contract code (or upload the file). Ensure this is the only contract visible to avoid confusion.

## ***Step 3: Compile the Contract***

Go to the Solidity Compiler tab in Remix. Select version 0.8.19 and click 'Compile ZiGX\_Final\_Optimized.sol'. Ensure no warnings or errors are present.

## ***Step 4: Connect Wallet***

Go to Deploy & Run Transactions tab. Choose 'Injected Web3' as the environment. MetaMask will auto-connect to your wallet (Base Mainnet). Verify the wallet address is:  
0x6120210b67D450b9bf4c8d5175edb6547BcE00aa

## ***Step 5: Deploy the Contract***

Under the Deploy section, make sure no constructor arguments are required. Click 'Deploy' and confirm the transaction in MetaMask. Wait for confirmation (~10–30 seconds).

## ***Step 6: Mint a Test Amount***

In Remix's deployed contract interface, use the mint function. Input your wallet address and 1000000 (this mints 1.00 ZiGX using 6 decimals). Click Transact and confirm in MetaMask.

## ***Step 7: Add Token to Wallet***

Go to MetaMask and click 'Import Tokens'. Paste your contract address (from Remix output).  
Symbol: ZiGX Decimals: 6 Token will now appear in your wallet.

## ***Contract Summary***

- Max Supply: 100,000,000 ZiGX (enforced in code) - Decimals: 6 - Minting: Owner only (your treasury wallet) - Burning: Disabled - Event: 'Minted(address,uint256)' emitted on every mint -  
Based on OpenZeppelin ERC-20 + Ownable