

# VS code

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10:36 PM

Link : [Visual Studio Code + Model Context Protocol \(MCP\) Servers Getting Started Guide | What, Why, How](#)



Steps in vscode to add:

- Go to copilot and select agent mode
- Left bottom -> settings -> settings
  - Search for MCP
    - Enable chat integrated with MCP
    - Go to Edit in settings.json
    - Connect multiple server's like this..

```
"mcp": {
  "servers": {
    "cdasmcpserver": {
      "type": "sse",
      "url":
"https://aiplatform.dev51.cbf.dev.paypalinc.com/byoa/cdasmcpserver-2620a/sse"
    },
    "github": {
      "command": "npx",
      "args": [
        "-y",
        "@modelcontextprotocol/server-github"
      ],
      "env": {
        "GITHUB_PERSONAL_ACCESS_TOKEN": "<YOUR_TOKEN>"
      }
    }
  }
}
```

- Give your access token or use input variable and send it like that
- Then in copilot do a simple search like this..
  - Is there any error in "so and so" repo
- After adding it to the settings.xml file give start from that file itself for that tool
- In the agent mode there will be a tool option click that and check the drop down and search using MCP server
  - That tool will be shown

## 1. Reload VS Code Window

- Press Cmd+Shift+P
- Type "Developer: Reload Window"
- Press Enter

## 2. Check for MCP Tools

- Once VS Code reloads, it should connect to your MCP server
- You should see your [add\\_numbers](#) tool available in GitHub Copilot

## 3. Test the Tool

Try asking Copilot:

- "What MCP tools do I have available?"
- "Can you add 42 and 58 using the add\_numbers tool?"

## Steps to Create a GitHub Personal Access Token:

1. Log in to your GitHub account at [github.com](https://github.com)

2. Click on your profile picture in the top-right corner of the page, then select "Settings"
3. Scroll down to the bottom of the left sidebar and click on "Developer settings"
4. In the left sidebar of the Developer settings page, click on "Personal access tokens"
5. You'll see two options:
  - "Fine-grained tokens" (newer, with more granular permissions)
  - "Tokens (classic)"
6. For VS Code integration, either type will work. Click on either "Generate new token" under the fine-grained tokens or "Generate new token (classic)" for classic tokens
7. Provide a descriptive name for your token (like "VS Code GitHub Integration")
8. For token expiration, you can select an expiration period based on your needs
9. Select the scopes (permissions) needed:
  - For basic GitHub integration: repo (full control of repositories)
  - For Copilot integration: No special permissions needed
10. Click "Generate token" at the bottom of the page
11. **Important:** Copy the generated token immediately and store it securely. GitHub will only show you this token once.
  - Sample - ghp\_CpTicFuXh3dgA4YvW8KLrEvA3N4a642aE8I

All server's available in MCP :: <https://github.com/modelcontextprotocol/servers>