How I created a Chrome Extension with 0 coding skills using ChatGPT

...in 15 minutes

Step 1: Define the purpose of your extension

"I want my Chrome Extension to tell me the colour code of any element on any website."
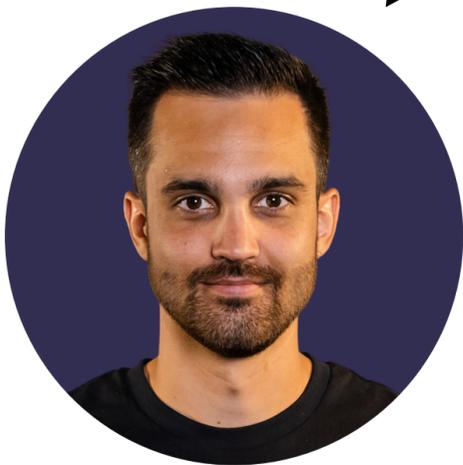
Step 2: Ask ChatGPT to write the code

→ Detail the exact features you want

→ Ask for separate code-files and their names

DA write me the code for a Chrome Extension that helps me identify the colour code of any element on any website with these features:
- when the extension is clicked, a window pops up
- in the window I can see the instructions on how it works
- in the window there is also button, which turns my mouse into a magnifying glass when clicked
- with the mouse-magnifying glass, I can click on any element on the webpage and the colour code of it will show up in the pop-up window

give me each file separately and with their names

Here is the code for each file of the Chrome Extension:

→ you will get several files, such as *manifest.json*, *content.js*, *popup.html* etc.

Step 3: Paste the code into Sublime Text

→ Download the free app " Sublime Text"

→ Paste each code snippet into a separate tab
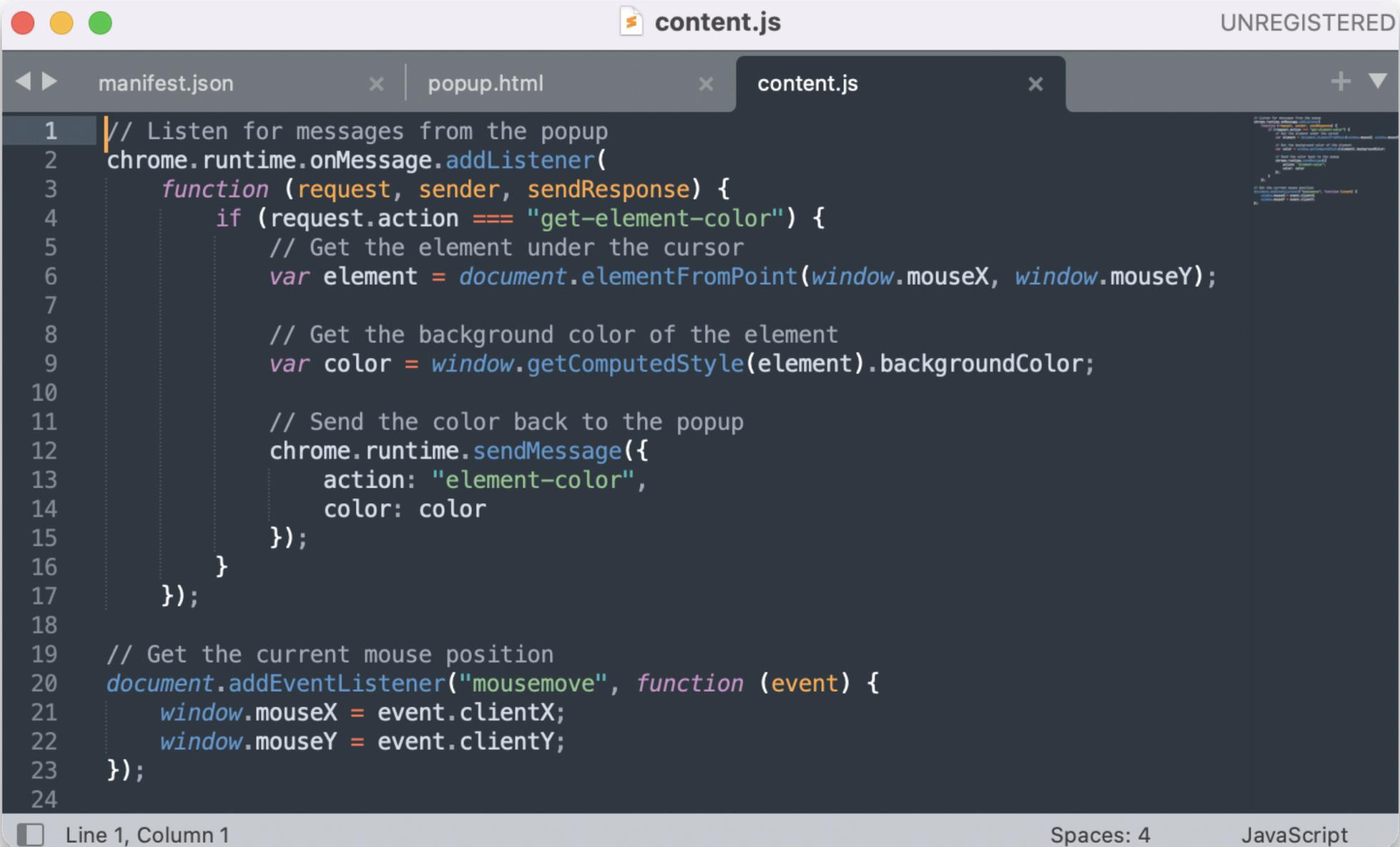
```javascript
// Listen for messages from the popup
chrome.runtime.onMessage.addListener(
    function (request, sender, sendResponse) {
        if (request.action === "get-element-color") {
            // Get the element under the cursor
            var element = document.elementFromPoint(window.mouseX, window.mouseY);

            // Get the background color of the element
            var color = window.getComputedStyle(element).backgroundColor;

            // Send the color back to the popup
            chrome.runtime.sendMessage({
                action: "element-color",
                color: color
            });
        }
    });

// Get the current mouse position
document.addEventListener("mousemove", function (event) {
    window.mouseX = event.clientX;
    window.mouseY = event.clientY;
});
```

Step 4: **Save all code-files**

→ Create a new folder on your laptop
→ Name it as you wish (*won't affect your extension*)
→ Save all the code-files here

📁 **Color Picker Extension**

Name

JS content.js

manifest.json

popup.html
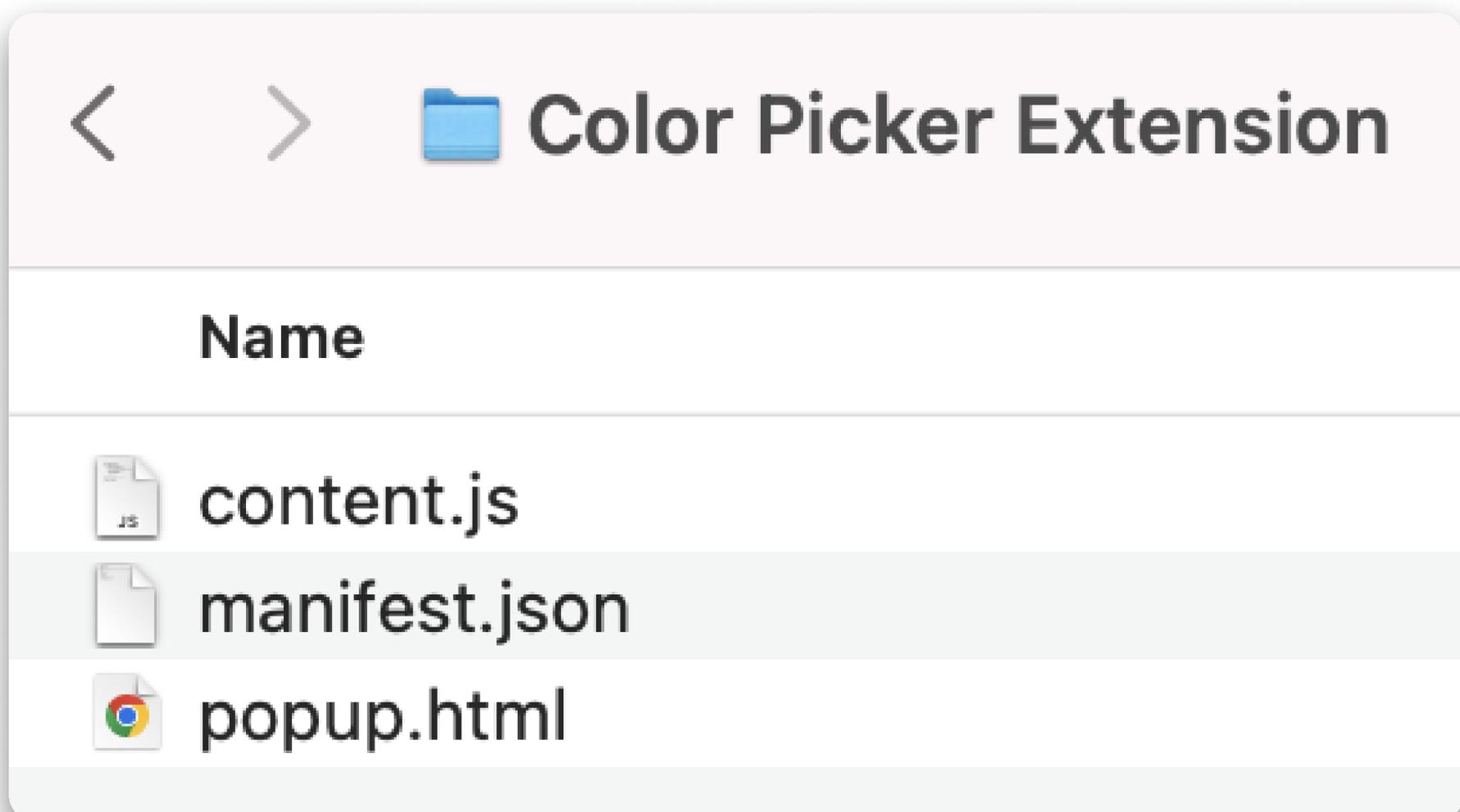
Step 5: Upload your extension

→ Go to **chrome://extensions/**
→ Turn on "Developer mode"
→ Click on "Load unpacked"
→ Select the folder with all the code files

☰ **Extensions**   🔍 Developer mode 🔵

Load unpacked   **Pack extension**   **Update**
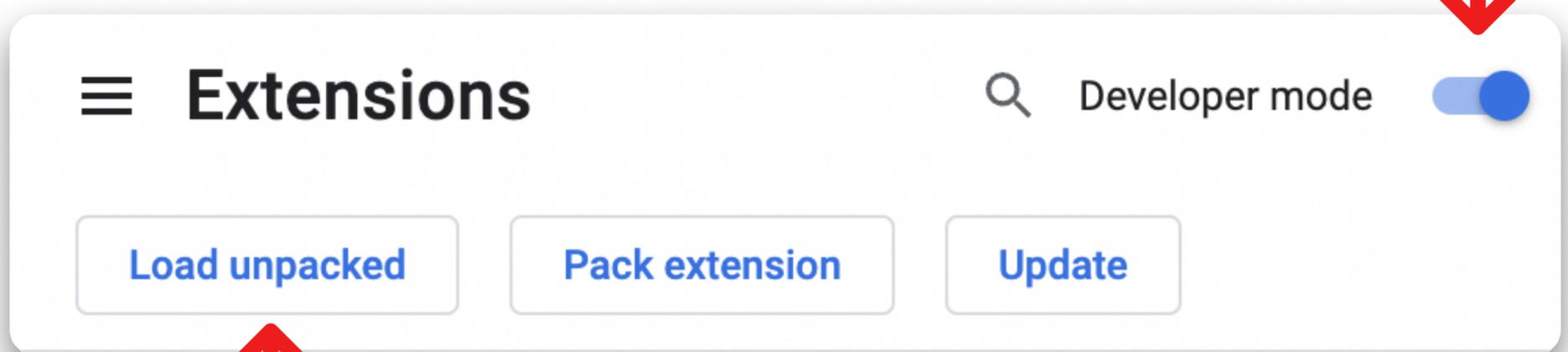
Step 6: Update/fix your extension

→ Your extension is ready, time to test it!

→ There is a problem?

- write ChatGPT: "it doesn't work -" + the issue

→ You want to update something?

- write ChatGPT: "rewrite my code with..."
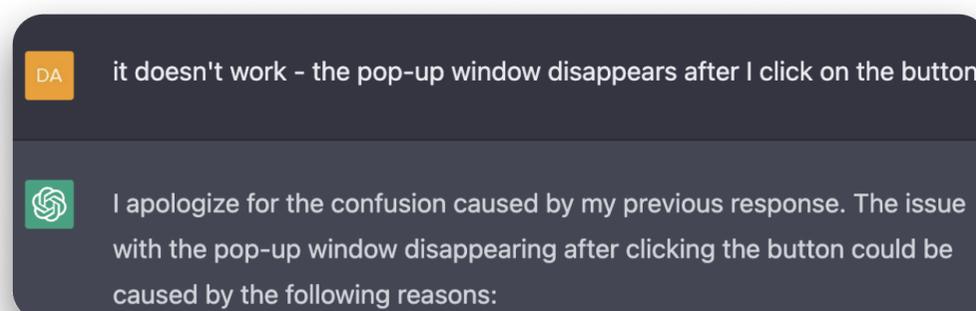
→ Update your code in Sublime Text

→ Refresh your Chrome Extension
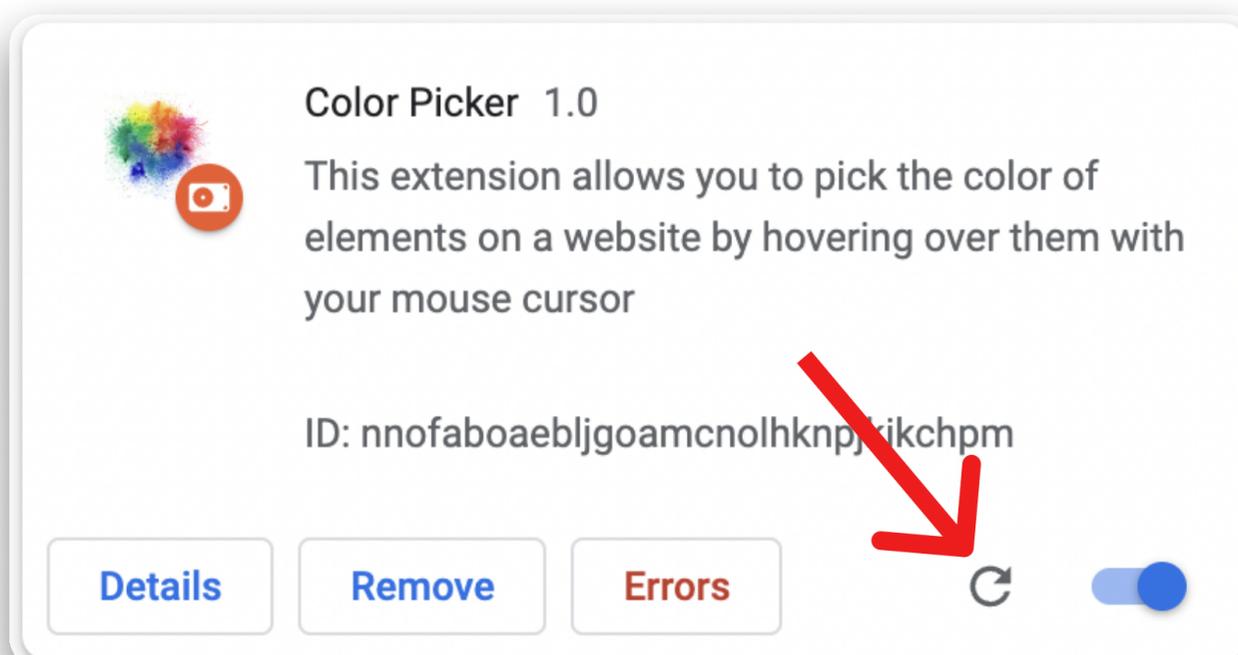
→ Repeat it until you're satisfied with the extension

The result?

1. Press the big black button
2. Click on the paint icon
3. Click on the desired area
4. Select the code type you need

#EA4337

HEX
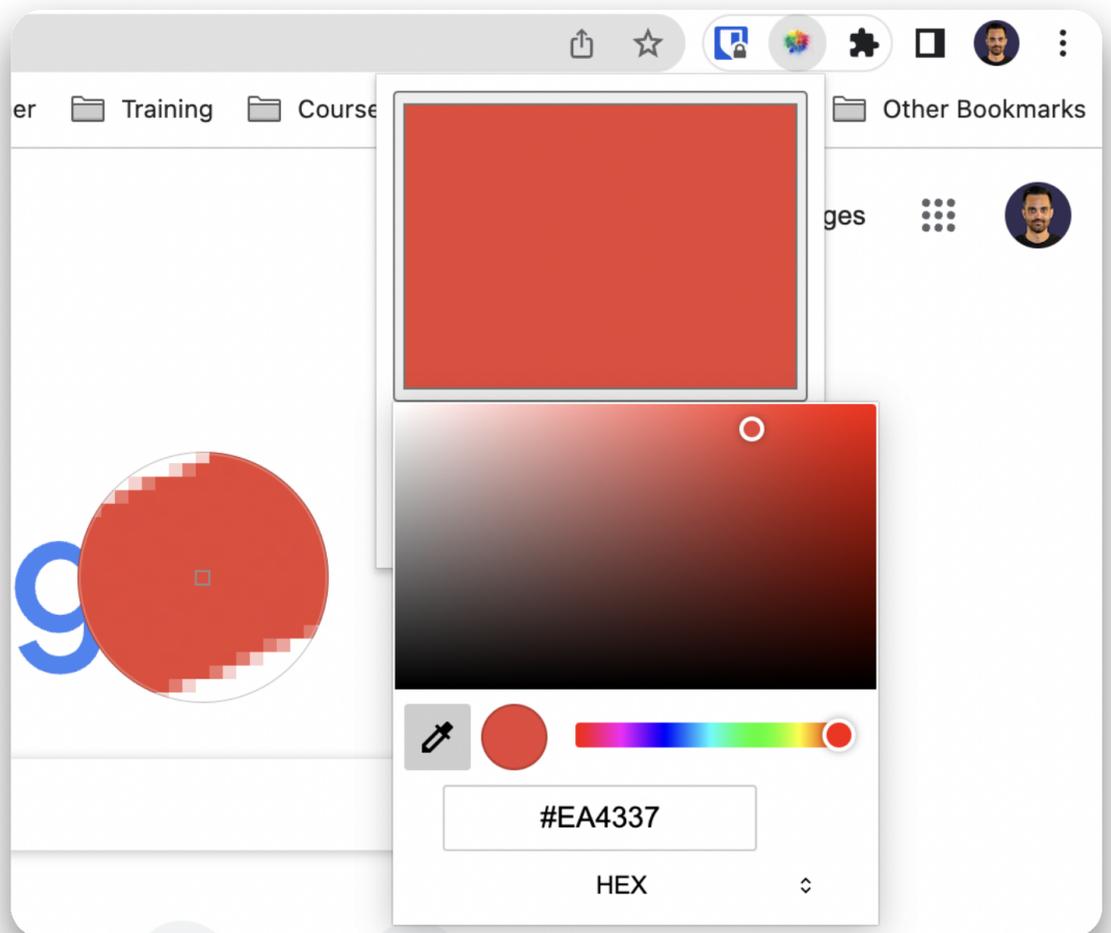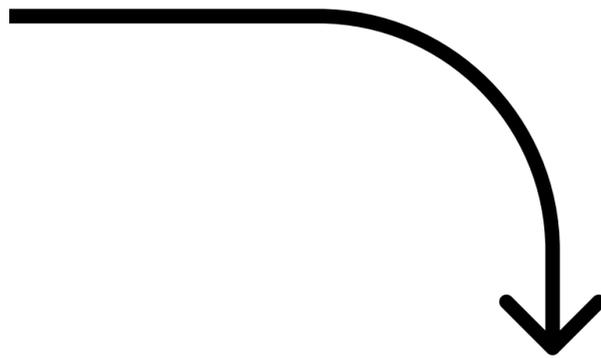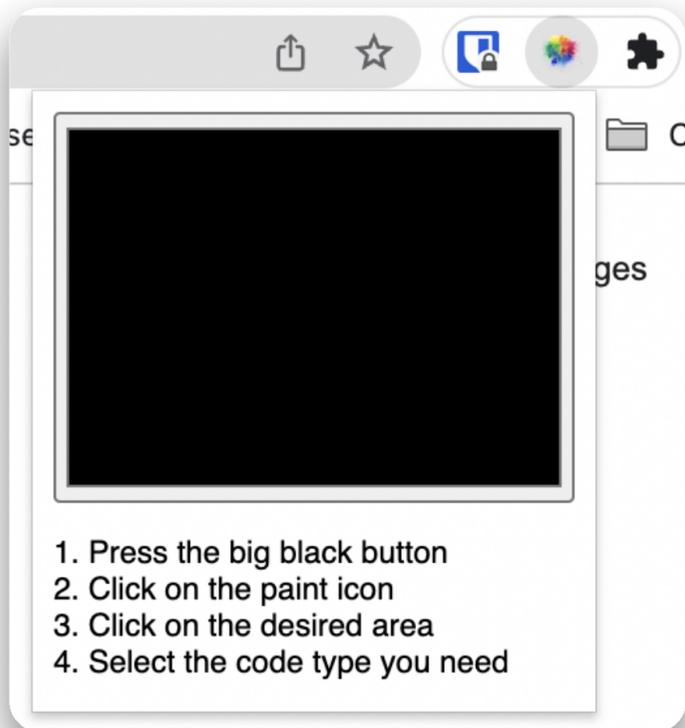
Time spent: 15mins

Want to copy this process?

Save it for later
↓
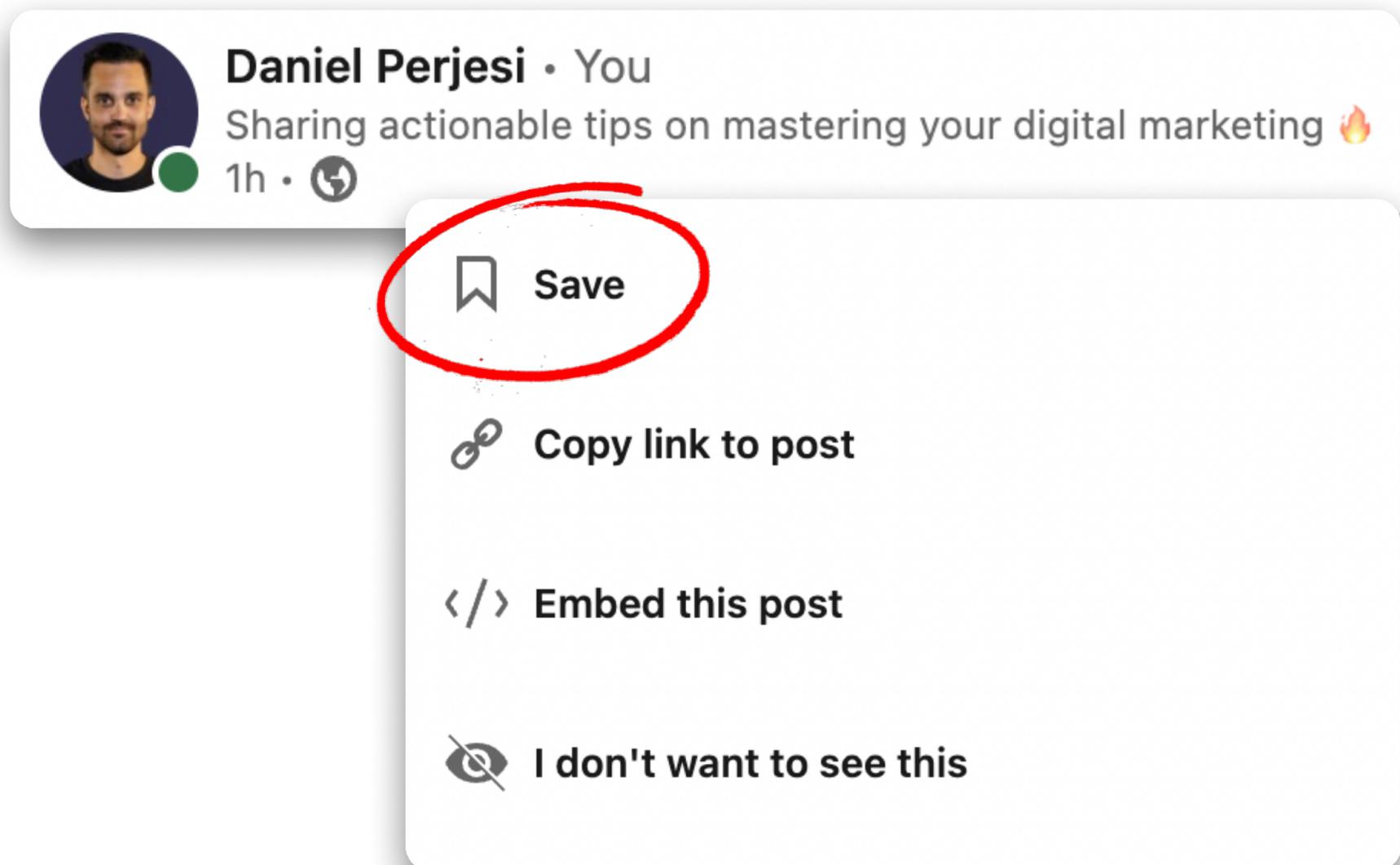
Daniel Perjesi • You
Sharing actionable tips on mastering your digital marketing 🔥
1h • 🌐

🔖 **Save**

🔗 **Copy link to post**

</> **Embed this post**

🚫 **I don't want to see this**