

UI Developer Code Challenge

Dynamic Template Interaction with Color Picker

Link Figma: <https://shorturl.at/coqJ2>

Objective: The objective of this code challenge is to create a dynamic color combination display system with integrated color picker functionality. Participants are required to develop a web application that allows users to view various color combinations and customize them using a color picker.

The data is available in the 'combinations.json' file in the zip folder.

Features to Implement:

1. Color Combination Display:

- Implement a display system that shows color combinations consisting of four colors. Each color combination should be visually represented, allowing users to easily differentiate between them.

- When clicking on a combination color, the hex code of the color should be copied.

*The default combination is the initial item in the JSON file.

2. Dynamic Color Updating:

- Upon clicking on a related combination template item, the title, image, header background colors, new related combinations, and colors within the thumbnail should be replaced with new content corresponding to the selected item.

3. Save and Load Color Combinations:

- Implement a feature that loads an additional template combinations when the user clicks on the "See more combinations" button. There is 5 items per page. This feature should seamlessly integrate with the existing display and maintain user context.

4. Color Picker Integration:

- Integrate a color picker feature that enables users to customize the colors within the displayed combinations. Users should be able to select any color from the color picker and apply it to a specific part of the color combination.

5. Detecting the Combination Title Color:

- Implement the function that recommends the color (#000 or #FFF) for the Combination title (Pastel Blonde color combination) to ensure better contrast against the background, thus enhancing readability and accessibility.