

CM 523

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Style Guide of COFFEE LAB Web App

Homepage



The Coffee Lab homepage is concise and clear. We make a brief introduction of the mission and function of our web app, which gives users a basic understanding of what our web app can do. The subtitle “Make your own coffee & Explore coffee shop in Boston” under the logo further explains and emphasizes our goals. We also give a warm greeting to our users. Users can click the “Get Started” button to begin their journey to explore coffee information and to personalize their own favorite coffee. They can also directly click the “MAKE” button on the navigation menu to the coffee choice-making step. The background image of the homepage includes cups of coffee, which is consistent with our theme. The overall color also looks very harmonious and has something to do with coffee.

Color



The colors we use are directly extracted from the background image of the homepage. They are in line with the theme of our web app. We apply some of these colors to different suitable sections to make our web uniform, elegant, and warm.

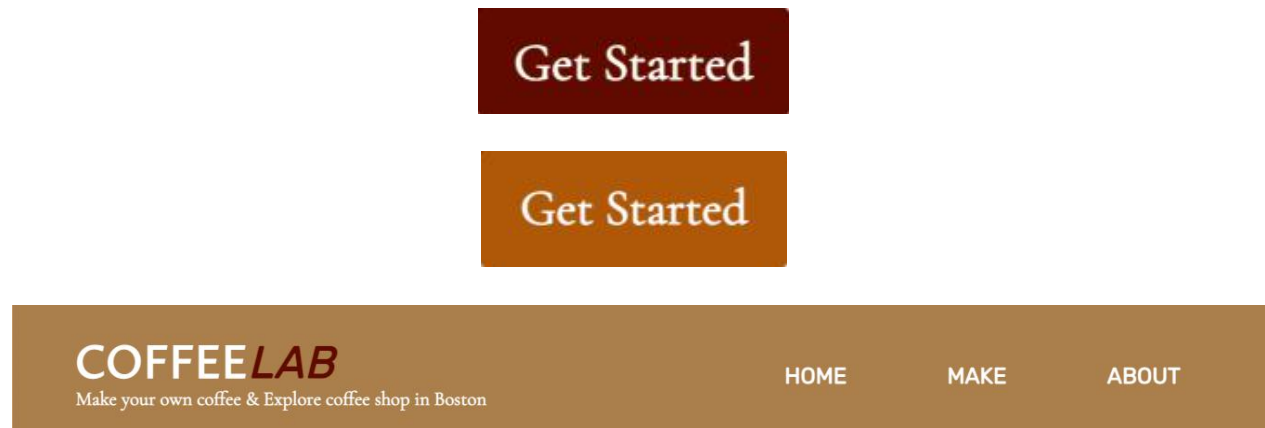
Typography



The Cormorant Garamond variation includes larger counters but still works best in a display setting. The titles, headlines, and buttons in our web pages use this serif font. Proza Libre is a humanist sans-serif that was specially designed to render well on screens, so it is an ideal partner for Cormorant. Humanist sans-serifs naturally pair well with Old Style serifs and both designs

have a strong calligraphic feel that ties them together. The body text, and the word “COFFEE” in the logo on our web use this sans-serif font. We use another sans-serif font, Rubik, to make our navigation menu and the word “LAB” in our logo look outstanding.

Button & Navigation Bar



We adopted the colors of buttons and navigation bar from the color of the homepage background image. We use the elegant wine red (#591902) as the background color of the buttons to attract users’ attention and guide them to click the buttons. Additionally, when users hover on the button, the color will change to a bright yellow (#A66266) and the size of the button will be larger to tell them that they are clicking this button. The color of the navigation menu buttons will also change from white to wine red when users hover on them. Last but not least, we also fix the navigation bar to leave it always on the top, thus users can always see the navigation bar and have easy access to any page when they scroll down.



On mobile/small screens, the layout of the navigation bar will change to fit the screen size more appropriately.

Image Gallery



We choose 9 genres of coffee and 9 kinds of ingredients. We decide to exhibit these 9 types of coffee and ingredients in the form of two image galleries (as shown in the pictures above and below) with a CSS grid layout. Users can directly see the full images and know what types of different coffee and ingredients we offer. Also, the galleries will contain text captions and selectors to let users know which coffee or ingredients they chose.



On the small/mobile screens, the arrangement of three pictures on one row will become one row with two pictures.

Calories & Nutrients Calculation

As aforementioned, we created the gallery to show disparate genres of coffee. And users can add items to personalize their coffee. After these steps, users can click the “Continue” button to calculate their coffee calories and nutrients based on the ingredients they have already selected.

We use JavaScript to complete the whole step.

Map

We insert the responsive and interactive Google Map to help users explore coffee shops in Boston. The location of each coffee shop is marked with red on the map, which is clear at a glance. Users can click on those red markers to learn more about the coffee shops.

Flexbox & Grid Layouts

We mainly use flexbox and grid layouts to create a responsive web app. For example, some elements listed in rows on a computer screen will become columns on a small screen. The navigation bar and the footer are fixed at the top and bottom respectively, and the web content will not cover them.