

# Code Notes

Monday, January 20, 2025

3:55 PM

- 012025: Happy MLKDay! I decided to work on another FEM project that was easier to strengthen my CSS skills. I'm still working on the others as well. Today I am setting up my color variables and learning about how to include gradient colors.
  - Resources
    - Sass Linear Gradient Mixin: <https://codepen.io/cathydutton/pen/dPPpWj>
- 012525: Happy Saturday! Today I was able to add the structure to my html file. I added more of the variables and Sass files. It's been awhile since I've worked on just HTML/CSS.
  - Resources
    - Container Bootstrap Class: <https://stackoverflow.com/questions/36229356/whats-the-equivalent-of-the-container-bootstrap-class-in-purecss-io>
- 012725: I had a moment to work on the page. I added the Container style in the Components folder based on Bootstrap.
- 020925: Yay!! The gradient mix in worked! The only thing I needed to add was "to" before the direction. I'm including this in the code that I am proud of. I'm adding the styling for the buttons and sections.
- 041225: I'm back. It's been awhile. Life has been busy. Today I worked on the hero section. I was able to position the image so that it floats right. . I've been referring to another repository for a guide since it's been awhile since coded in HTML/CSS. I need to learn more about the Calc() function. I may have to work with the section again. There has to be another way to place pictures offset on a page.
  - Resources:
    - [Calc\(\) Function](#) -- can be used to simplify the positioning of an item with an already predetermined margin.
  - Attribution
    - [Bayoumi-dev](#) -- helped with positioning the hero image and placement.
- 041425: Hey, I'm back. I'm going to try using a background image instead.
- 042125: I'm back. My goal is to do the background image tonight. I was looking at the Figma file again. I now understand the spacing section they placed on the Design System page. I made variables for the spacing. They work well. I will add the background images during my next session. I placed two div tags-- one for the mobile background image and one for the larger tablet and desktop images.
- 051725: Hey, I'm back. I read an interesting article about using relative units svh, lvh, and dvh. The 'd' stands for dynamic and changes the viewport dynamically as you move from mobile to larger screens. I learned that vh is the same as lvh which is for large screens. I also worked on the Courses section. I'm finding the Dev option of Figma very helpful.
- 052325: Hello again, I'm back. Looking forward to working on this site today. I was able to work on the card section. I need to get the spacing and gaps for the section for tablet. I need to look at the spacing again.
- 052425: Hi. Decided to start the Courses section over.
- 052525: Hi. I'm back. Today I made the Courses section with display: grid at the mobile size. I want to see if the sizing is better at the tablet size. I still used flexbox for the cards.
- 052625: Happy Memorial Day! Back again. I'm glad that I redid the Courses section. Using Grid instead of just Flex was a game changer. Another resource that helped me was using the Developer mode for Figma. It was worth paying for.
  - Resources:
    - [Evergardnx](#): helped with positioning the hero image for the tablet and desktop. I used a separate hero image Div tag for the larger images.
- 060125: Hi. I tried a few new things today-- **drop shadow** instead of **box shadow** and **translate(X or Y)** instead of **margin or position: absolute**. It worked out well. I used translate(Y) and z-index for the logo. The drop shadow for the cards made it look so much better. I had some success with using the translateX on the hero image for the desktop and tablet. I still

used the position: absolute.

- Resources
  - Drop Shadow instead of Box Shadow: [Marco Denic](#) on Twitter -- I used filter with drop shadow on the main content cards.
  - Why translate(X) instead of margin or position: absolute? [Sanjeevani Bhandari](#) -- I used translate(Y) for positioning the logos on the cards;
- 061425: Hello, I'm back. I started working on the desktop page. I just realized I need to go back and work on the header again.
- 062125: Hey, I'm back. I'm going to focus on the header today. I worked on changing the padding of the header today. I still had difficulty with that header image. I don't like working with offset images. I need to research more about this image placement.
- 062625: Hey. I'm researching how to offset that image in the hero section. I tried using translateX but it didn't work as well as I thought it would. I realized I needed to understand more about using the command.
  - Resources
    - [Positioning Background Offset Images— CSS Tricks](#)
    - [MDN Background-Position](#)
- 070325: Happy Thursday! I'm back. I did some research about background-position for the hero image. Still having problems with the placement of this image. I found a tutorial and found out that I'm not the only one. I think I'm going to follow his tutorial. This tutorial is from Practical Web Dev, Nick Gersbach. He starts with the desktop first then styles for smaller pages.
  - Resources
    - [YouTube Tutorial: Skilled E-Learning Landing Page Full Project](#)
    - [Skilled E-Learning Landing Page by Practical Web Dev](#)
- 070425: Happy Friday! I am starting over with the style while following the tutorial. One of the first changes is the hero image is imported into the html instead of as a background image.
  - Changes
    - Using an overflow-wrapper to get rid of overflow on the x-axis; keeps you from getting a horizontal scroll bar when you add images that go off the page;
    - Hero image was brought in through index file. There was three divs for each image size (desktop, tablet, mobile).
    - Used negative margins instead of position relative/absolute; 1:03:03 on Video
- 070725: Hi, I'm back! I worked on doing the styling for the hero area. Changed the media to sizes based when the elements started to change position on the page. Then I changed the mixins.
- 070825: Happy Tuesday! I read an interesting article about not using a large amount of nested divs, but to use semantic tags instead. I went in and fixed my courses sections by changing the cards from div to article.
  - Resources
    - [Stop Nesting Divs! Why Your Markup is Making Layouts Harder, Sanjeevani Bhandari](#)
- 071025: Happy Thursday! Back again. I finished adding styling to the courses and footer sections. I can't get the footer nav to spread out. I will try adding the width to the footer tomorrow.
- 072025: I'm back! My focus today is to work on the mobile footer. I was able to fix the spacing of the mobile header. Using the Inspect tool, 'Responsive' for screen sizes, and changing padding measurements helped me to see what it would look like in real-time.
- 072525: Hi, I'm back! I think I'm done with the coding. Now I need to check my HTML... I did my checks and fixed the errors. I decided to use Github Pages for my live site. Had some problem with getting the CSS/Styling to display. I was able to figure out how to put the link. Will continue working on the README next time.