

# Portfolio Documentation

## Colour Palette:

For my colour palette, I've chosen to be quite ambitious yet somewhat sleek. I feel my method of implementing my colour palette allows the user to enjoy the colours without feeling too cluttered or busy. I've decided to use a two-colour gradient on each page, with each page having a different pair of colours. I feel the gradient allows for a softer and more modern look while still expressing personal flair and a sense of fun.

## Font:

For my font, I've went with two very sleek and legible fonts. I've chosen one font for the main titles and then another lighter weighted font for the long paragraphs of text. I decided against having a decorative font as I feel like it would make the page look too cluttered and overall, very busy. I like the sleek modern feel that the font gives, and I think it pairs well with the plain gradient background. I've chosen white as the text colour as I feel it brightens up the page while still being legible. Had I chosen black, I feel the page wouldn't be as bright and inviting.

## Layout:

For the most part, the layout of my elements are stacked vertically upon one another, allowing the user to scroll. For images such as the ones in the 2D and 3D pages, I used a grid to ensure they were responsive and aligned neatly side by side on the page. I also used a grid in the CV section as it allowed me to have images and text side by side in the way that I had envisioned on my wireframes. I chose to have the work and study sections side by side to maximise space and reduce scrolling. I also feel this looks modern and may be a unique approach, however I am fond of how it looks. To ensure responsiveness on mobile, I made sure to have these elements stand alone and take the full width of the page to allow users to read the text without strain.

## Navigation:

For my navigation, I have a simple bar on the top right to allow the user to choose which page they wish to visit. For mobile, this navigation bar is condensed into a hamburger menu which slides out from the left and takes up the whole page.

I did consider using a simple drop-down menu or a pop-up that did not take up the whole page, however I felt it was very busy and cluttered as you could see the elements beside or behind these menus, while I feel having a full page menu allows the user to have a sense of safety behind this menu and feel relaxed and comfortable choosing their next page.

I also added a small sliding animation as the user hovers over the pages they wish to visit in the navigation menu. However, this does not exist for mobile due to the hamburger menu and lack of hover abilities. I feel like this animation adds some personal flair and fun to the site.

## Accessibility:

While creating this site using a lot of images, I made sure to include alt text for each image to ensure anyone using screen readers will also know what is on the images.

For contrast, there is a section in the 3D page where the contrast isn't great between the yellow background and the white text, however I felt I needed to keep the white text, as changing it would break consistency with the other pages. Other than that, the contrast is acceptable.

## Semantic HTML:

I made sure to make the pages semantic by adding sections followed by header elements. I also created a footer to increase the amount of semantic HTML. I feel it's important to add these elements as it allows screen readers to clearly define different parts of the page, which adds to accessibility. For me, it also makes code easier to read as I can search for elements by which section they're in.

## Web Development Standards:

When checking my CSS using a CSS validator, the only errors I received were in the following image across all CSS files.

Sorry! We found the following errors (2)		
URI : about.css		
244	.navBar:last-child	Parse Error <code>&amp;:after { left: 85.5vw; }</code>
268	.navBar:hover	Parse Error <code>&amp;:first-child ~ :last-child:after { margin-left: -30%; } /* 2d link */ &amp;:nth-child(2) ~ :last-child:after { margin-left: -21%; } /* 3d link */ &amp;:nth-child(3) ~ :last-child:after { margin-left: -13.8%; } /* ui link */ &amp;:nth-child(4) ~ :last-child:after { margin-left: -7%; }</code>

This error is showing due to the method of getting the animated element to move smoothly between the navigation menu elements. Without the “&”, this simply would not work. I am prepared to accept these errors as I'm aware they are purely for decorative use.

When running all the files through a HTML validator, no errors appeared except for one warning, shown below. I have no more titles to add to my sections as I feel there are plenty, so I will not be adding more “h” elements.

Press the Message Filtering button to collapse the filtering options and error/warning/info counts.

**Message Filtering** 1 message hidden by filtering

**Warnings (1)** · [Hide all warnings](#) · [Show all warnings](#)

1 ☐ Section lacks heading. Consider using `h2` or `h6` elements to add identifying headings to all sections, or else use a `div` element instead for any cases where no heading is needed.

Document checking completed. No errors or warnings to show.

Used the HTML parser.  
Total execution time 5 milliseconds.