Helen Tsui // PUI HW 8 Final Project Writeup

PART 1

My website is a personal photography website that showcase past series of work that includes some travel and concert photography, since I have always had sporadic images lying around in my hard drive. Most of the information on the website would be visual photographs for viewing, and some with some header text information to talk about each project; I also included a small chunk of text in my personal bio, my approach to photography, tech equipment I use in the "*about me*" page.

I hope to engage my audience with a minimal but smooth image viewing experience and that allows people to gain inspiration from the website that includes and not limited to color swatches and palettes. That's why I did not include eye-grabbing animations because I wanted a focused view on the image works. The target audience who might be interested in my work would be fellow amateur photographers, friends, and potential clients who would like to hire me for photoshoots.

PART 2

• Users are able to browse through different photography projects through scrolling and clicking (with some mouse hover effects) on all pages

• Users are able to find color palette inspiration generated from the photo series (view through projects "Hyukoh" "HONNE" "Peru" "Amsterdam"), and color palettes will be auto generated

• Users can learn about my personal tech equipment use through clicking on "About.html")

• Users can also choose to view images in dark or light mode (click nav bar "dark/light" button to change view)

PART 3

• Tool: A JS library called "**Vibrant.js**" for generating dominant colors from image; some **JQuery** used for JavaScript as well

• I decided to use it since I have not used JS library previously; also because I had a lot of trouble extracting the RGB value pixel data from the website images myself. Therefore I found this library super useful to accurately display dominant colors from the images.

• I basically installed the vibrant.js through script tag on HTML, and wrote some modification in CSS and JS to display it at the right place and made sure it was accurate

• I think that is the most "interactive" part in my photography website, because even though the photography website is mostly for my own documentation use, I wanted the viewers to also gain some inspiration through viewing these photos.
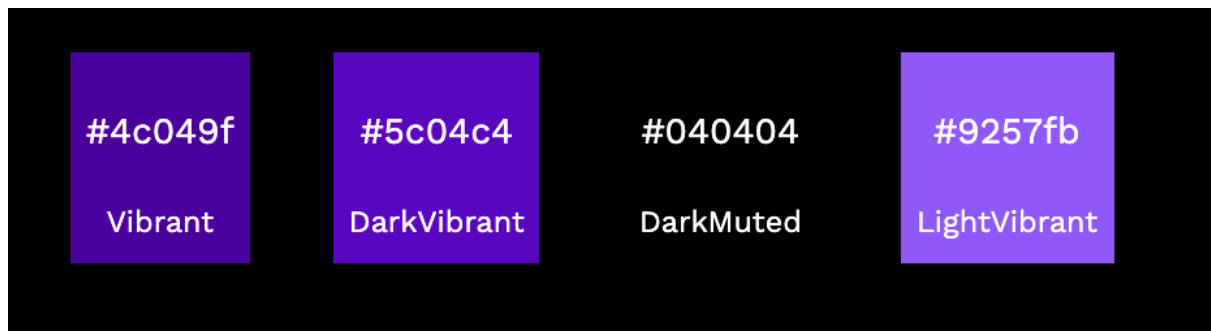
Sample image of the generated color palette on top of page; if it does not show up, try refreshing the page again…thanks!

Part 4

I mostly kept the structure and layout of the design the same throughout the process, since I just wanted a clean, minimal template to show image and not distract viewers with additional fancy effects; I also added micro-interactions through CSS and JS to make the website feel more interactive. In hw7 I wanted to also include a page that saves all the palettes in one page, however because of time constraints I didn't achieve that.

Part 5

I encountered the most challenge with image grid system responsive, and took some time to find the solution to change 3 columns into 2 when the browser is more narrow; another challenge is trying to install JS libraries or API – because I had no previous experience and have not installed node.js, it was hard finding external resources that I can use just through browser. Also I realize that some people's individual APIs do not always work, and it was difficult to understand other people's code and reuse it for my own purpose.