

- Chloropleth
 - I wanted to visualise the countries from which I had data with color, and from which I did not in white
 - I used a color palette from [ColorBrewer](#) as a sort of gradient, which would then show countries with higher happiness index scores with a darker orange, and countries with low scores in a lighter orange.
 - Interaction
 - When a user hovers over a country, its exact happiness index score is shown, as well as its ranking in the world. At first I thought it would be nice to show all the specific data that the index score consisted of. However, I thought that that would be too much information for the specific purpose of the visualisations.
- Scatterplot
 - I wanted to directly put the two different score against one another. That way the user could see for example what the QoL of a country with a high happiness index is. For this reason I chose a scatterplot.
 - Interaction
 - Each dot represents a country, and hovering over a dot shows that country's happiness index (for visual clarity), and its QoL score.
- Communication between Visualisations
 - When a country is selected on the chloropleth, and data is available in both datasets, a new scatterplot is generated with only one dot; of the selected country. I thought this could be useful for a user which is trying to find the QoL score of a specific country.
 - The problem with this design is that d3 will make a scatterplot with only one datapoint. Therefore the axes will not be the same as the original plot, and the dot will always be in the top right