1 Visualizing all the Seaborn Color Palettes

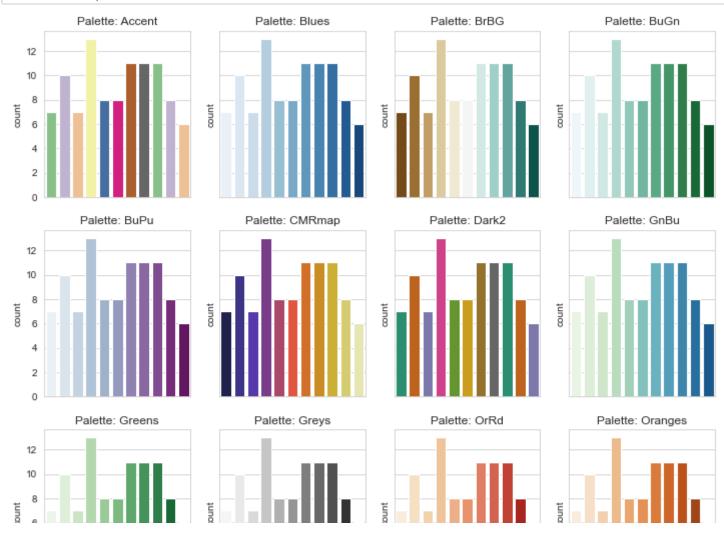
```
In [1]: from random import seed
from random import randint
import matplotlib.pyplot as plt
import seaborn as sns
sns.set style("whitegrid")
 %matplotlib inline
# Create a set of random numbers
seed(8)
i = 0
values= []
for i in range(100):
     value = randint(0, 10)
     values.append(value)
     i += 1
palette options = ['Accent','Blues','BrBG','BuGn','BuPu','CMRmap','Dark2',
                     'GnBu', 'Greens', 'Greys', 'OrRd', 'Oranges', 'PRGn', 'Paired',
                     'Pastel1', 'Pastel2', 'PiYG', 'PuBu', 'PuBuGn', 'PuOr', 'PuRd',
                     'Purples', 'RdBu', 'RdGy', 'RdPu', 'RdYlBu', 'RdYlGn', 'Reds',
                     'Set1', 'Set2', 'Set3', 'Spectral', 'Wistia', 'YlGn', 'YlGnBu',
                     'YlOrBr', 'YlOrRd', 'afmhot', 'autumn', 'binary', 'bone', 'brg',
                     'bwr', 'cividis', 'cool', 'coolwarm', 'copper', 'crest',
                     'cubehelix', 'flag', 'flare', 'gist earth', 'gist gray',
                     'gist heat', 'gist ncar', 'gist rainbow', 'gist stern',
                     'gist yarg', 'gnuplot', 'gnuplot2', 'gray', 'hot', 'hsv',
                     'icefire', 'inferno', 'magma', 'mako', 'nipy spectral',
                     'ocean', 'pink', 'plasma', 'prism', 'rainbow', 'rocket',
                     'seismic', 'spring', 'summer', 'tab10', 'tab20', 'tab20b',
                     'tab20c', 'terrain', 'turbo', 'twilight', 'twilight shifted',
                     'viridis', 'vlag', 'winter']
print ('Number of options: ', len(palette options))
executed in 633ms, finished 15:47:27 2021-01-10
```

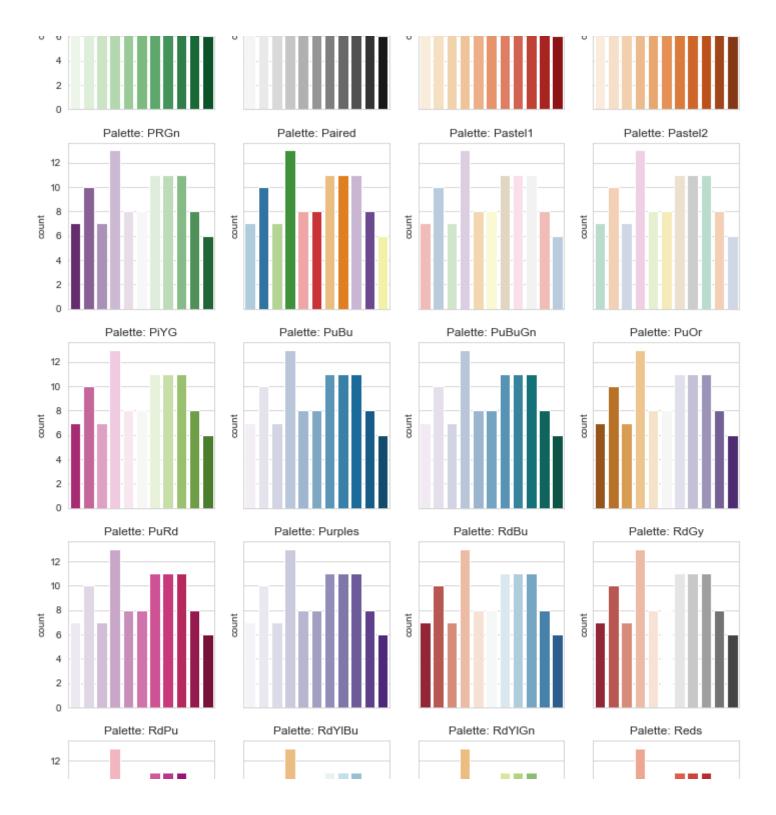
executed in 2ms, finished 15:47:27 2021-01-10

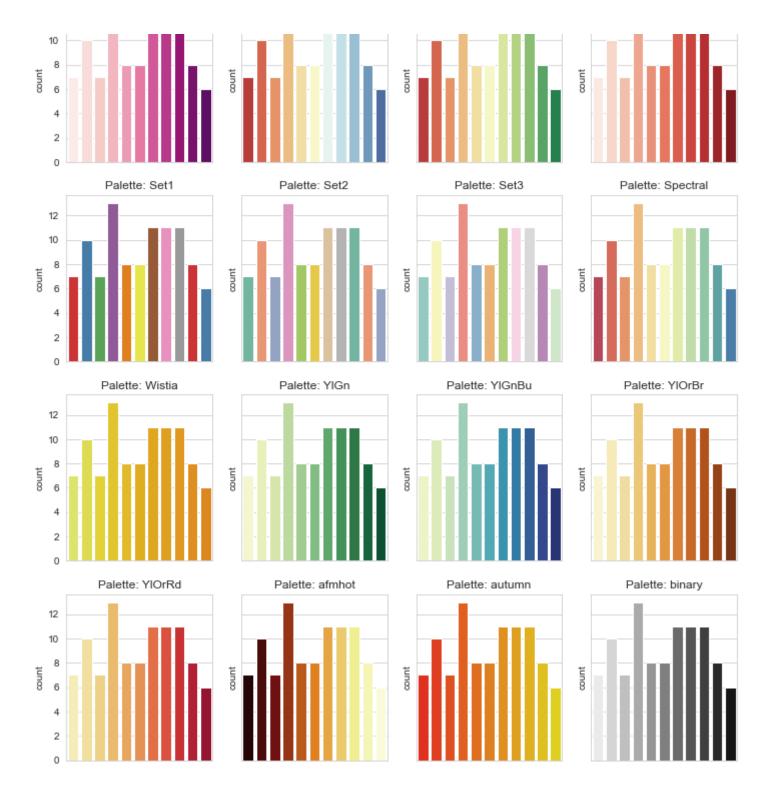
sns.countplot(x= values, palette= option, ax= ax)

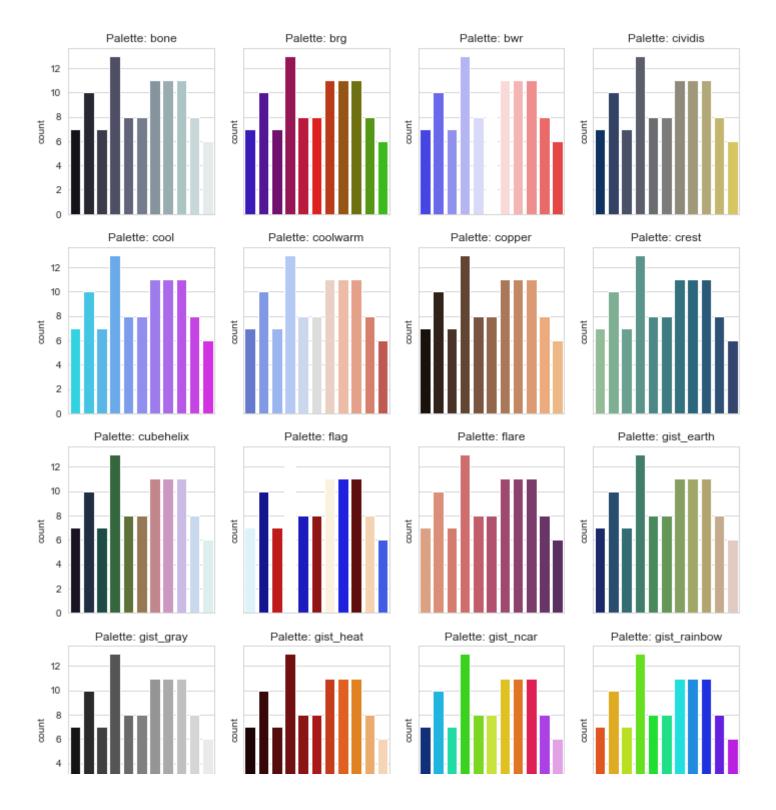
ax.set(title = 'Palette: {}'.format(option))

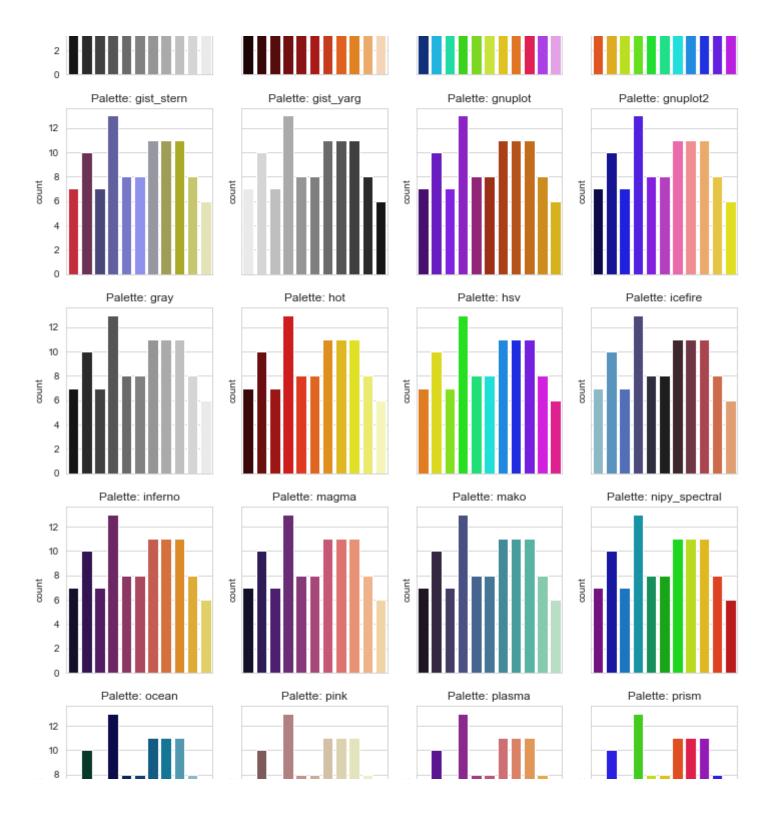
executed in 9.25s, finished 15:49:33 2021-01-10

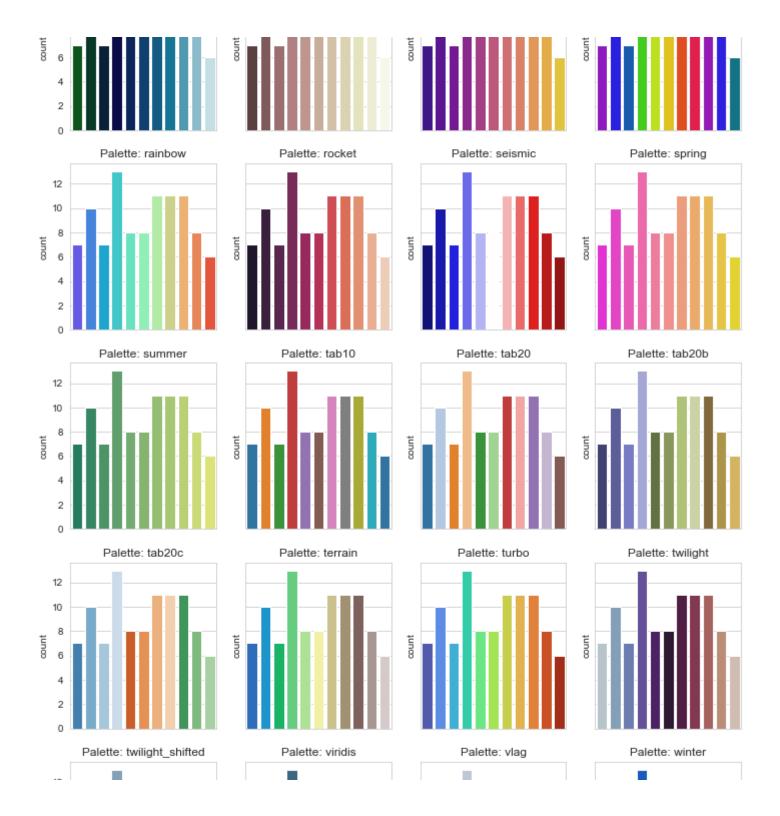


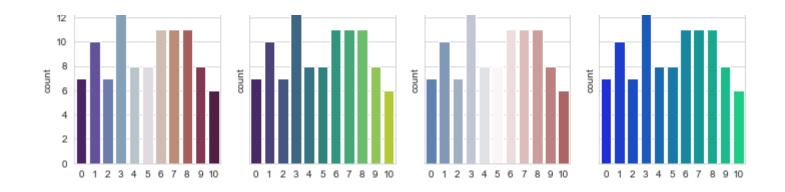












2 Reverse the Colors using _r

Another option would be to reverse the order of the colors by adding _r to the end of any palette name.

For example:

- palette "RdYIGn" goes from red to yellow to green
- palette "RdYlGn_r" goes from green to yellow to red

See the code below for a visual example.

executed in 870ms, finished 15:47:38 2021-01-10

