

Style and Color

We've shown a few times how to control figure aesthetics in seaborn, but let's now go over it formally:

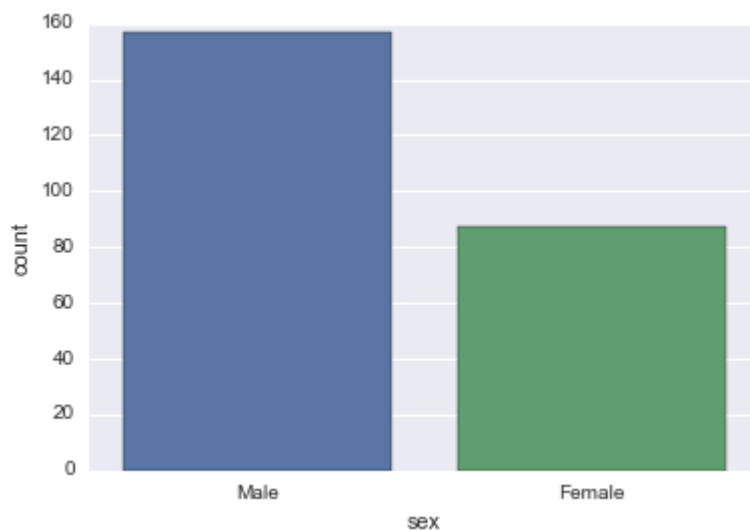
```
In [8]: import seaborn as sns
import matplotlib.pyplot as plt
%matplotlib inline
tips = sns.load_dataset('tips')
```

Styles

You can set particular styles:

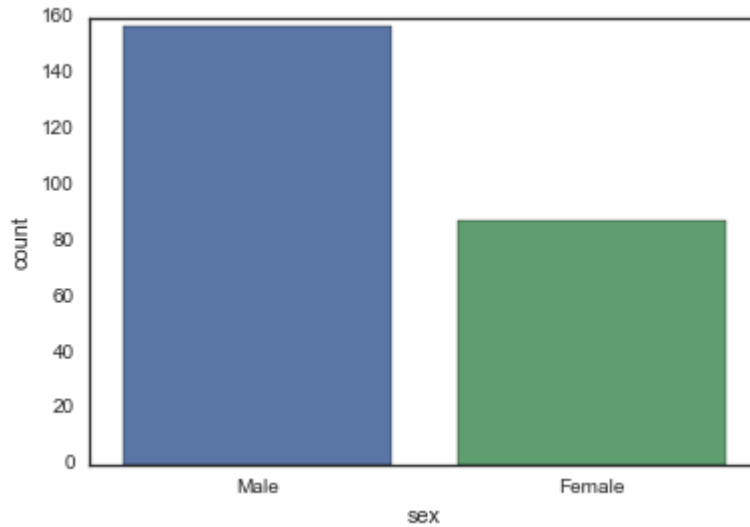
```
In [2]: sns.countplot(x='sex',data=tips)
```

```
Out[2]: <matplotlib.axes._subplots.AxesSubplot at 0x11990cc88>
```



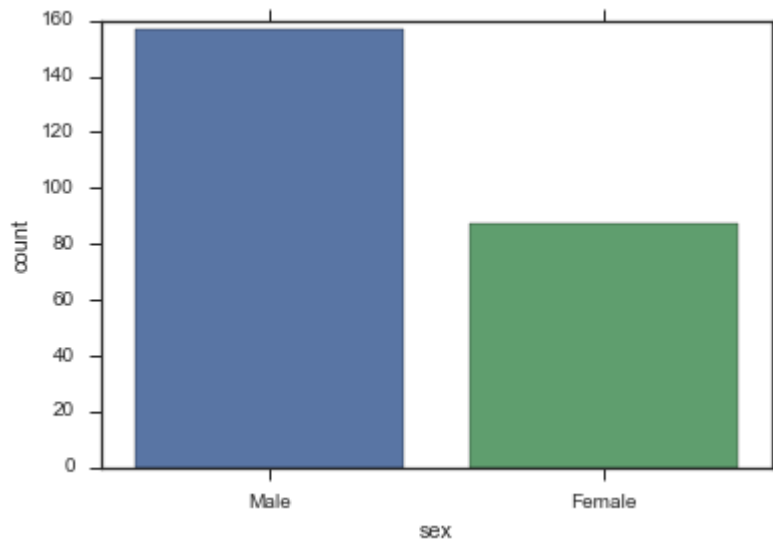
```
In [3]: sns.set_style('white')  
sns.countplot(x='sex',data=tips)
```

Out[3]: <matplotlib.axes._subplots.AxesSubplot at 0x11c2ba9b0>



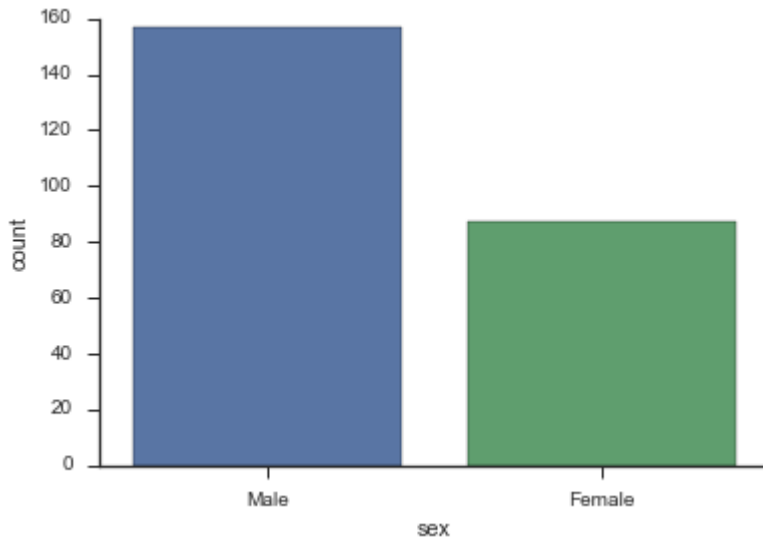
```
In [4]: sns.set_style('ticks')  
sns.countplot(x='sex',data=tips,palette='deep')
```

Out[4]: <matplotlib.axes._subplots.AxesSubplot at 0x119986978>

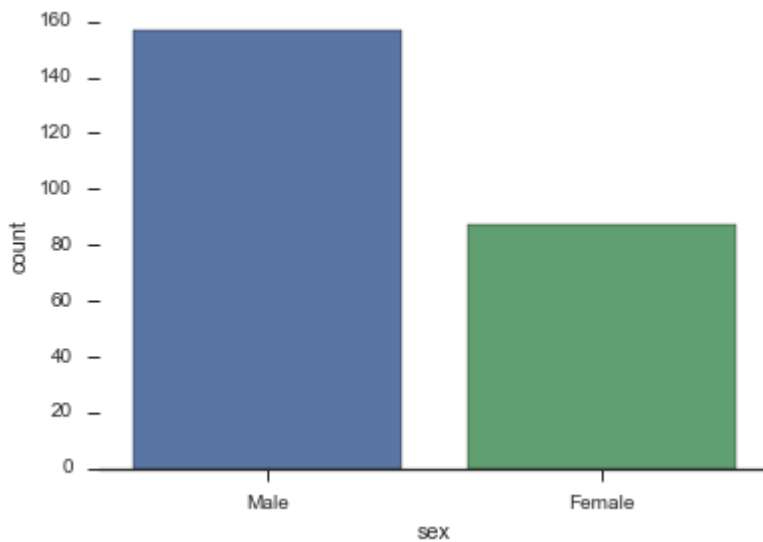


Spine Removal

```
In [5]: sns.countplot(x='sex',data=tips)  
sns.despine()
```



```
In [6]: sns.countplot(x='sex',data=tips)  
sns.despine(left=True)
```



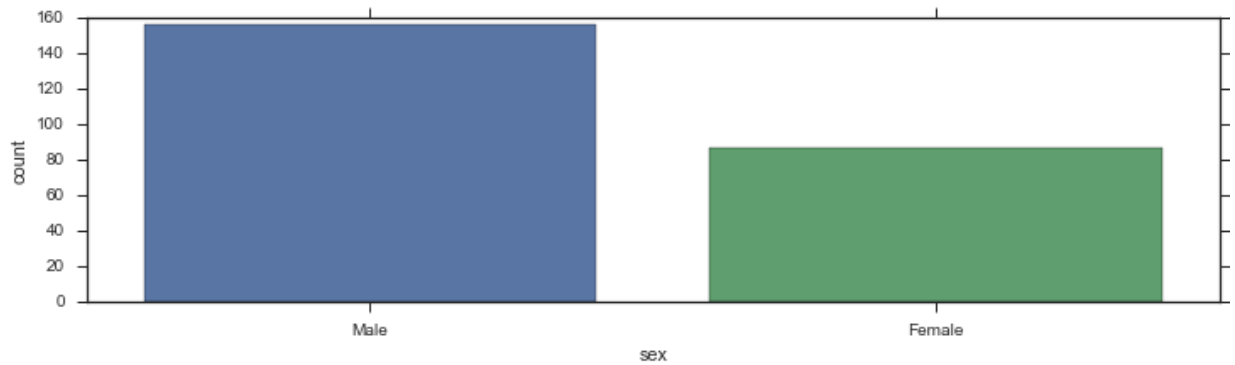
Size and Aspect

You can use matplotlib's **plt.figure(figsize=(width,height))** to change the size of most seaborn plots.

You can control the size and aspect ratio of most seaborn grid plots by passing in parameters: **size**, and **aspect**. For example:

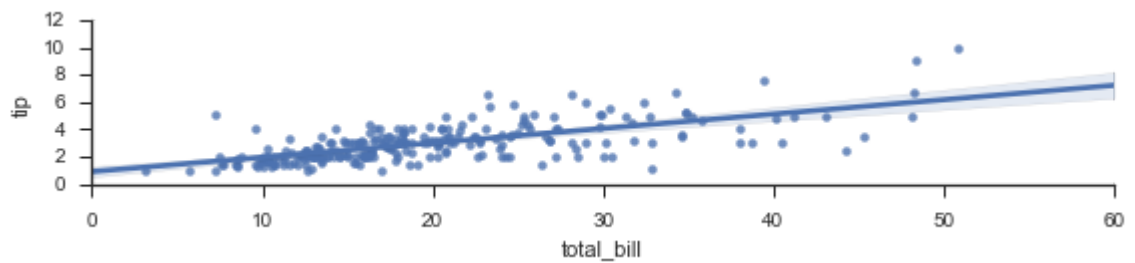
```
In [11]: # Non Grid Plot
plt.figure(figsize=(12,3))
sns.countplot(x='sex',data=tips)
```

Out[11]: <matplotlib.axes._subplots.AxesSubplot at 0x11cabbf28>



```
In [13]: # Grid Type Plot
sns.lmplot(x='total_bill',y='tip',size=2,aspect=4,data=tips)
```

Out[13]: <seaborn.axisgrid.FacetGrid at 0x11cd69048>

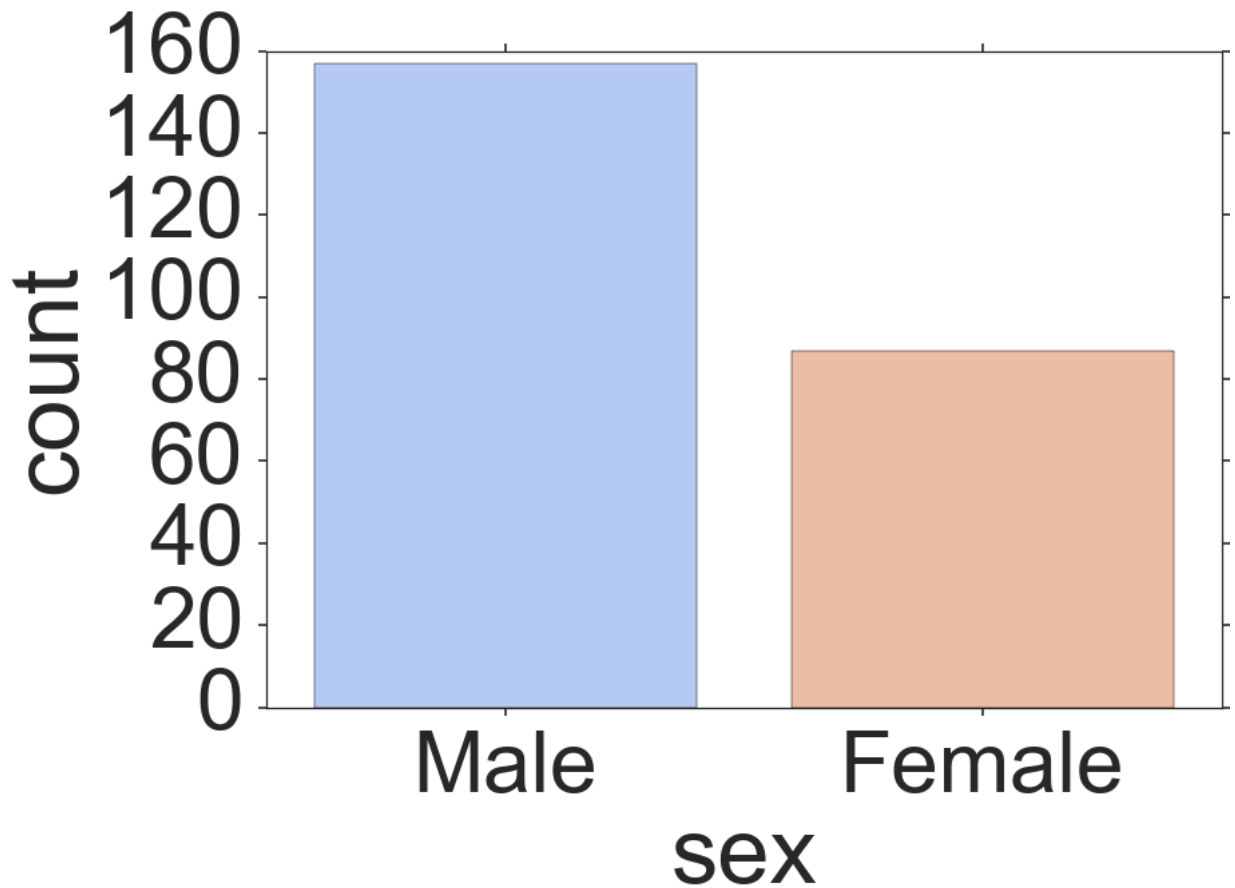


Scale and Context

The `set_context()` allows you to override default parameters:

```
In [17]: sns.set_context('poster', font_scale=4)
sns.countplot(x='sex', data=tips, palette='coolwarm')
```

```
Out[17]: <matplotlib.axes._subplots.AxesSubplot at 0x11e2a2128>
```



Check out the documentation page for more info on these topics:

<https://stanford.edu/~mwaskom/software/seaborn/tutorial/aesthetics.html>

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In [15]: `sns.puppyplot()`

```
/Users/marci/anaconda/lib/python3.5/site-packages/bs4/__init__.py:166: UserWarning: No parser was explicitly specified, so I'm using the best available HTML parser for this system ("lxml"). This usually isn't a problem, but if you run this code on another system, or in a different virtual environment, it may use a different parser and behave differently.
```

To get rid of this warning, change this:

```
BeautifulSoup([your markup])
```

to this:

```
BeautifulSoup([your markup], "lxml")
```

```
markup_type=markup_type))
```

Out[15]:  Titan the Pit Bull Terrier Pictures 1058495

Great Job!