

# How can I change the legend font size in a Seaborn plot?

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April 28, 2024

## RECOMMENDED CITATION

stats writer (2024). *How can I change the legend font size in a Seaborn plot?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=140369>

The process of changing the legend font size in a Seaborn plot involves adjusting the font size parameter within the legend function. This can be achieved by first identifying the legend object in the plot and then using the `set_fontsize()` method to specify the desired font size. This allows for customization of the legend font size to better suit the visual needs of the plot.

## Change Legend Font Size in a Seaborn Plot

You can use the following syntax to change the font size within a legend of a seaborn plot:

```
plt.legend(title='Team', fontsize='10', title_fontsize='14')
```

The `fontsize` argument specifies the font size for the labels in the legend and the `title_fontsize` specifies the font size for the title of the legend.

The following example shows how to use this function in practice.

**Example: Changing Legend Font Size in a Seaborn Plot**

The following code shows how to create a scatterplot in Seaborn and specify the font size for both the labels and the title within the legend:

```
import pandas as pd
import seaborn as sns
```

```
import matplotlib.pyplot as plt  
sns.set_style('whitegrid')
```

```
#create data
```

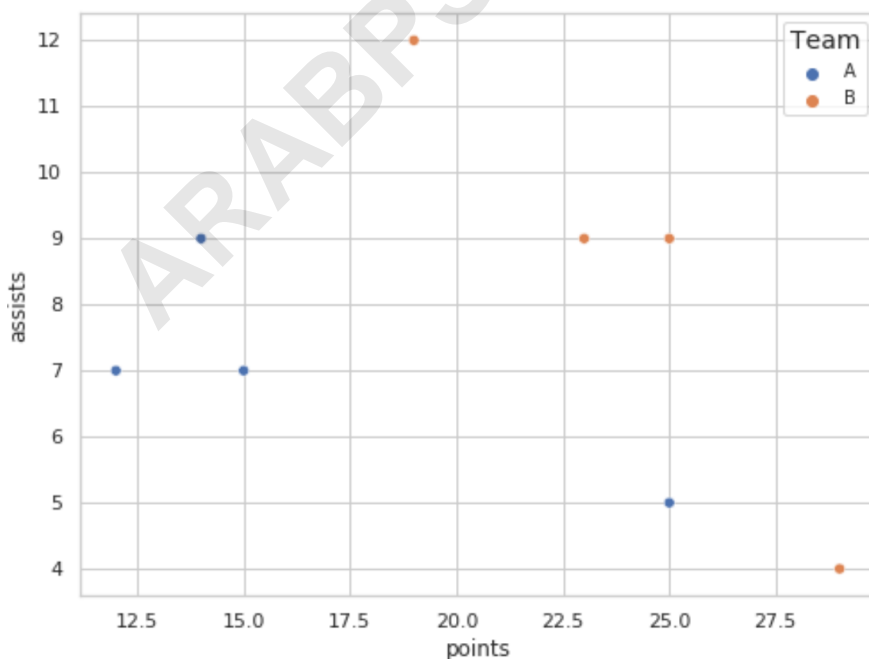
```
df = pd.DataFrame({'points': ,  
'assists': ,  
'team': })
```

```
#create scatterplot
```

```
sns.scatterplot(data=df, x='points', y='assists',  
hue='team')
```

```
#add legend
```

```
plt.legend(title='Team', fontsize='10', title_fontsize='14')
```



The font size arguments can also take on the following values:

**xx-small x-small small medium large x-large xx-large**

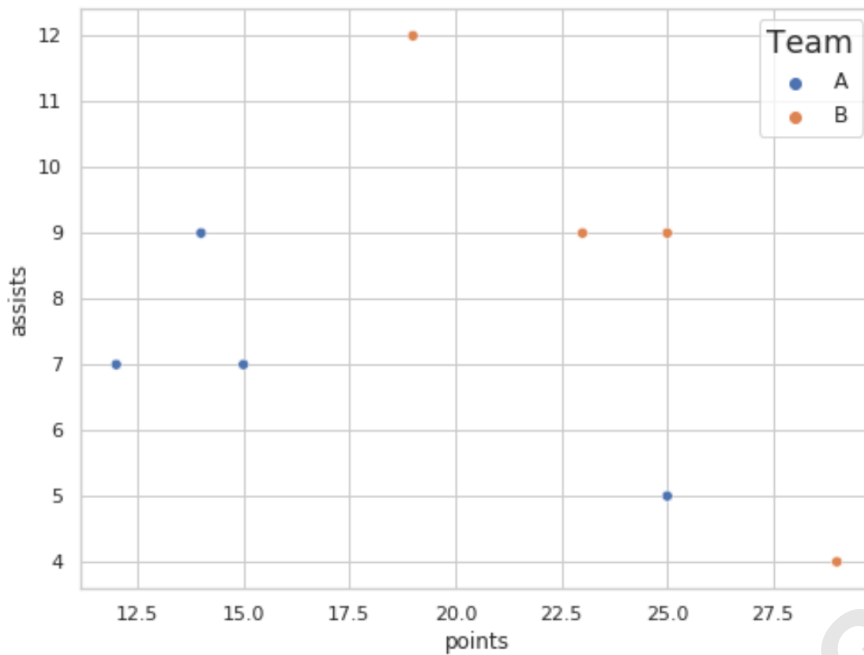
The following example shows how to use these arguments in practice:

```
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style('whitegrid')

#create fake data
df = pd.DataFrame({'points': ,
'assists': ,
'team': })

#create scatterplot
sns.scatterplot(data=df, x='points', y='assists',
hue='team')

#add legend
plt.legend(title='Team',          fontsize='medium',
title_fontsize='x-large')
```



Reference the for an in-depth explanation of the `plt.legend()` function.

The following tutorials explain how to perform other common tasks in seaborn:

### How to Place Legend Outside a Seaborn Plot