In [1]:
```
import pandas as pd
import numpy as np
import os
data = pd.read_csv("https://raw.githubusercontent.com/Geoyi/Cleaning-Titanic-Data/master/titanic_original.csv")
data.head(5)
```

Out[1]:

	pclass	survived	name	sex	age	sibsp	parch	ticket	fare	cabin	em
0	1.0	1.0	Allen, Miss. Elisabeth Walton	female	29.0000	0.0	0.0	24160	211.3375	B5	S
1	1.0	1.0	Allison, Master. Hudson Trevor	male	0.9167	1.0	2.0	113781	151.5500	C22 C26	S
2	1.0	0.0	Allison, Miss. Helen Loraine	female	2.0000	1.0	2.0	113781	151.5500	C22 C26	S
3	1.0	0.0	Allison, Mr. Hudson Joshua Creighton	male	30.0000	1.0	2.0	113781	151.5500	C22 C26	S
4	1.0	0.0	Allison, Mrs. Hudson J C (Bessie Waldo Daniels)	female	25.0000	1.0	2.0	113781	151.5500	C22 C26	S

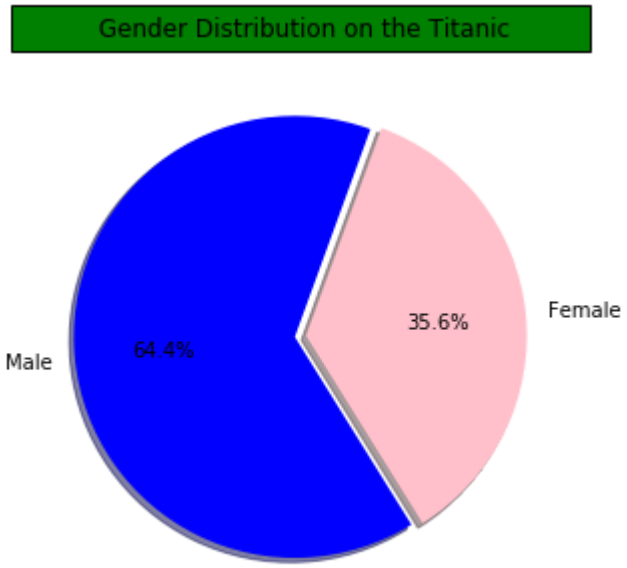
In [8]:
```
from matplotlib.font_manager import FontProperties
import matplotlib.pyplot as plt
gender_data=data['sex'].value_counts()

gender_data = gender_data.astype(float)

image = plt.figure(figsize=(7,4))
ax = image.add_axes((0,0,.5,1))
ax.set_title('          Gender Distribution on the Titanic         ',
             bbox={'facecolor':'Green', 'pad':5})
labels = 'Male', 'Female'
colors = ['Blue', 'Pink']
explode = (0.05, 0)

plt.pie(gender_data, explode=explode, labels=labels, colors=colors,autopct='
%1.1f%%', shadow=True, startangle=70)

plt.axis('equal')
plt.show()
```



In [39]:
```
import seaborn as sns
sns.set()

data = pd.read_csv("https://raw.githubusercontent.com/Geoyi/Cleaning-Titanic-Data/master/titanic_original.csv")
data.head(5)


sns.lmplot(x='fare', y='age', data=data,
           fit_reg=False,
           hue='sex',
           size=10,
           scatter_kws={"s": 40, "alpha": 1})
```

Out[39]: <seaborn.axisgrid.FacetGrid at 0xc74e550>