Resources

```
https://kbroman.wordpress.com/2013/10/07/
better-looking-latexbeamer-slides/
```

Fonts

```
\usefonttheme{serif}
\setbeamerfont{frametitle}{series=\bfseries}
```

common fonts:

- mathptmx
- helvet
- avat
- bookman
- chancery
- charter
- culer
- mathtime
- mathptm
- newcent
- palatino
- pifont
- utopia

Fonts

```
\usepackage{selinput}
\usepackage{lmodern}
\usepackage{libertine}
\usefonttheme{default}
\usefonttheme{professionalfonts}
\setbeamerfont{frametitle}{series=\bfseries}
```

Font sizes

```
size = {\fontsize{a}{b}\selectfont}
```
a = font size in pt., b = line space in pt.

Font colors

```
\setbeamercolor{normal text}{bg=black, fg=yellow}
\setbeamercolor{frametitle}{fg=brown}
```

Centering

```
\begin{frame}[c]{ }
\centering
\end{frame}
```

\centering centers *horizontally*
The [c] option centers *vertically*

Lists

```
\setbeamertemplate{itemize items}[circle]
\setbeamercolor{itemize item}{fg=amethyst}
\setbeamercolor{enumerate item}{fg=amethyst}
```

```
\setbeamercolor{block title}{fg=brown}
\begin{block}{\centering block_title}
```

Text blocks

```
\begin{textblock}{<hsize>}{<hpos>,<vpos>}
\setlength{\TPHorizModule}{<dimen>}
\setlength{\TPVertModule}{<dimen>}
```

<dimen> is typically 1 cm.

Columns

Resources

sharelatex.com/learn/Beamer

`\DeclareGraphicsExtensions{.pdf,.png,.jpg}` In order of preference.
Don't include extension when inserting graphics. Compilers will automatically
look for images with these extensions.

labelling frame numbers

```
\setbeamertemplate{footline}{%
    \raisebox{5pt}{\makebox[\paperwidth]{\hfill\makebox[10pt]{%
    \scriptsize\insertframenumber}}}}
\setbeamercolor{footline}{fg=color}
...
\begin{document}
```

Figure Template

```
\includegraphics[]{pluto}
```

Put nice little frame around graphic.

```
\framebox{\includegraphics[width=1.5in]{kink_saus.png}}
```

Figure Template

Other options:

```
width=xx[cm][in]  preferred width
width=\linewidth scale wrt width of a line in the local env.
height=xx         preferred height
height=\textheight  scale wrt to height of text on page
keepaspectratio   set to true or false, only change w or h!!
scale=xx          2 to double, .5 to reduce by half, etc.
angle=xx          rotates image by xx degrees (cc)
trim=l b r t      crop image by l from left, b from bottom, etc.
                     e.g. trim=0 1 0 2 to only trim t and b?
clip              set clip=true for 'trim' option to work
page=x            for pdfs with multiple pages
resolution=x      specify image resolution in dpi
```

Figure Template

can also:

*set borders
*

Example:

```
\begin{figure}[p]
   \centering
   \includegraphics[width=0.8\textwidth]{image.png}
   \caption{Awesome image}
   \label{fig:awesome_image}
\end{figure}
```

image on title slide background

```
{\usebackgroundtemplate{\includegraphics[width=\paperwidth]
    {awesome.jpg}}
\begin{frame}
    \titlepage{}
\end{frame}}
```

Example of table

	period	wavelength	velocity
kink osc	value	value	value
sausage osc	value	value	value
acoustic osc	value	value	value
acoustic waves	value	value	value
fast waves	value	value	value
torsional modes	10 m	value	1000 km s^{-1}

Example Table

```latex
\begin{center}
  \begin{tabular}{cc|c|c|}
row 1
  \cline{3-4} & & \multicolumn{2}{|c|}{Condition (Gold standard)}\\
row 2
  \cline{3-4} & & True & False \\
  \hline
row 3 (and 4) - multirow
  \multicolumn{1}{|c|} % add in vertical lines
  {\multirow{2}{*}{Test outcome}}& % Text covers rows 3 and 4
row 3
  \multicolumn{1}{|c|}{Positive} %
    & True Positive \cellcolor{green} & False Positive\cellcolor{red}\\
row 4
  \cline{2-4} \multicolumn{1}{|c|}{}
    & \multicolumn{1}{|c|}{Negative}
    & False Negative\cellcolor{red} & True Negative \cellcolor{green}\\
   \hline
   \end{tabular}
\end{center}
```