



THIS IS THE NORMAL LENGTH OF A RESEARCH PAPER: ALWAYS LONGER
THAN YOU WOULD EXPECT

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Outline

1. Aspect ratio
2. vfilleditems
3. Fonts
4. Color
5. Graphics
6. Footer options
7. Citations



Aspect ratio

This pdf uses a 16:9 aspect ratio. To utilize this version, simply use:

```
\documentclass[aspectratio=169]{beamer}
```

The default is a 4:3 aspect ratio.

```
\documentclass{beamer}
```



Using vfilleditems

Use the provided `\vfilleditems` environment to create nicely spaced bullet points.

```
\begin{vfilleditems}
  \item I like it to have my bullet points
  \item evenly spaced from one another
  \item then few bullet points, are not crammed on
    the upper part of the slide
\end{vfilleditems}
```



Using vfilleditems

- I like it to have my bullet points
- evenly spaced from one another
- then few bullet points, are not crammed on the upper part of the slide



Fonts

Fonts:

This is small

This is normal size

This is large

Per default the *Fira Font* Package is used. The *Helvetica Font* is also bundled into this package.



Fonts

To use *Helvetica* instead of *Fira Fonts*

```
\usetheme[helvetica]{pureminimalistic}
```

To disable the *Fira Fonts* and use the default font

```
\usetheme[nofirafonts]{pureminimalistic}
```



Color

To overwrite the theme color

1. Define a new color
2. redefine the themes color (before document begins)



Change color example

```
\usetheme{pureminimalistic}
\definecolor{textcolor}{RGB}{0, 0, 120}
\definecolor{title}{RGB}{0, 0, 0}
\definecolor{footercolor}{RGB}{133, 133, 133}
\definecolor{bg}{RGB}{25, 116, 210}

\renewcommand{\beamertextcolor}{textcolor}
\renewcommand{\beamerbgcolor}{bg}
\renewcommand{\beamerfootertextcolor}{footercolor}
\renewcommand{\beamertitlecolor}{title}
```



Dark mode

I've included a simple way to use a dark mode color theme. To use the dark color mode, provide the darkmode option.

```
\usetheme[darkmode]{pureminimalistic}
```

Sometimes, the logos have to be changed to look nice on a dark background. For now, I am simply loading different files if darkmode is used.

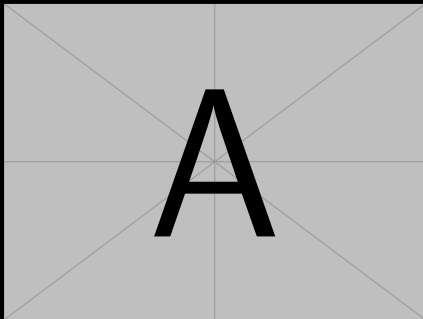


Logos

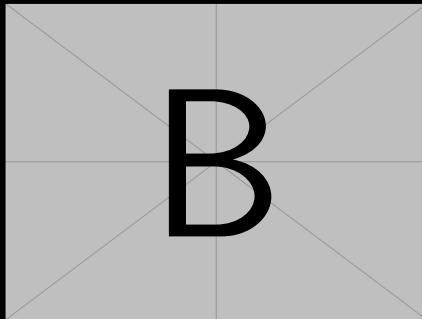
I've tried to come up with an easy to use interface on how a user could modify the logos parameters from the main document directly but I couldn't come up with a robust solution (if you know how, please open an issue)

So for now, the way to change the parameters passed to `includegraphics` is to directly change them in the `beamerouterthemepureminimalist`-file.

Figures



Example A



Example B



Disable footer

If you do not want to use a footer, disable it with:

```
\usetheme[nofooter]{pureminimalistic}
```



Show max slide numbers

For these slides, I used the option to show the maximum number of slides. To activate it one has to activate it with:

```
\usetheme[showmaxslides]{pureminimalistic}
```

Usually, I prefer to not show the maximum number of slides, as the people tend to lose focus if they know the last few slides are shown.



Citations

I've also changed the bibliography options to be minimalistic:
Just showing a simple `\cite [1]`

- [1] Alex Krizhevsky et al. “ImageNet Classification with Deep Convolutional Neural Networks”. In: *Advances in Neural Information Processing Systems 25*. Curran Associates, Inc., 2012, pp. 1097–1105.

Backup Slides



What happened to the page numbering?

- I've used the `appendixnumberbeamer` package, which resets the frame counting after calling `\appendix`
- Depending on the used pdf viewer, the total count of frames shouldn't include the backup slides and won't demotivate the audience.
- Usually, I would use a `plain` frame for the backup slides.