



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.

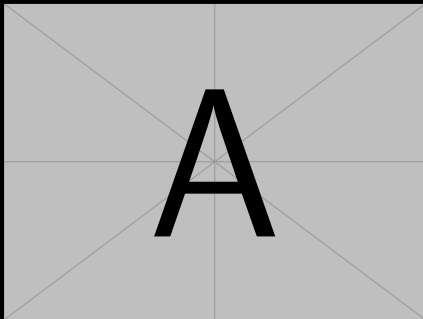


## Logos

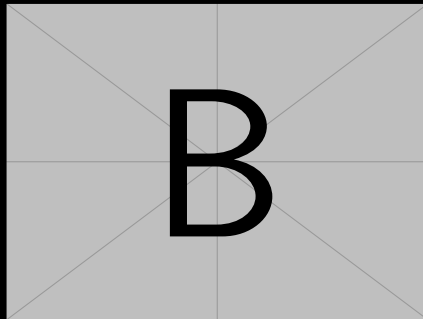
I've tried to come up with an easy to use interface on how a user could modify the logos parameters from the main document directly but I couldn't come up with a robust solution (if you know how, please open an issue)

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.