

# BEAMER appearance cheat sheet (from version 3.26)

Parent-child relations of Beamer's elements (colors, fonts, templates) are indicated by successive indentations.

More information can be found in the official documentation: <http://www.ctan.org/tex-archive/macros/latex/contrib/beamer/doc/beameruserguide.pdf>.

## Beamer's Colors

Use `\setbeamercolor{template name}{(key=value) list}` to change a Beamer's color.

Keys are: fg, bg, parent, use. Use the color syntax of the xcolor package.

### Structure of the presentation

#### Color palettes

- palette primary
- palette secondary
- palette tertiary
- palette quaternary
- palette sidebar primary
- palette sidebar secondary
- palette sidebar tertiary
- palette sidebar quaternary

#### Global definitions

- normal text
- titlelike
- separation line
- fine separation line

#### Title page

- title page
- titlelike
- title
- subtitle
- author
- institute
- date

#### Part, section, subsection pages

- part page
- section page
- subsection page

#### Table of contents

- section in toc
- subsection in toc
- subsubsection in toc
- section in toc shaded
- subsection in toc shaded
- subsubsection in toc shaded
- section number projected

### Bibliography

- bibliography entry author
- bibliography entry title
- bibliography entry location
- bibliography entry note
- bibliography item

### Note page

- note page

### Structure of a frame

#### Background

- background canvas
- background

#### Headlines and footlines

- headline
- footline
- page number in head/foot
- separation line
  - upper separation line head
  - middle separation line head
  - lower separation line head
  - upper separation line foot
  - middle separation line foot
  - lower separation line foot

- author in head/foot
- title in head/foot
- date in head/foot
- institute in head/foot

#### Sidebars

- sidebar
  - sidebar left
  - sidebar right
- section in sidebar
- section in sidebar shaded
- subsection in sidebar
- subsubsection in sidebar

- title in sidebar
- author in sidebar

### Navigation bars

- mini frame
- section in head/foot
- subsection in head/foot
- subsubsection in head/foot

### Navigation symbols

- navigation symbols

### Logo

- logo

### Elements of a frame

#### Frame title

- frametitle
- frametitle right
- framesubtitle
- frametitle continuation
- titlelike

#### Abstract

- abstract
- abstract title

#### Hyperlinks and buttons

- button
- button border

#### Lists

- itemize item
- itemize subitem
- itemize subsubitem
- enumerate item
- enumerate subitem
- enumerate subsubitem
- enumerate mini template
- description item
- item

- item projected
- subitem projected
- subsubitem projected
- subitem
- subsubitem

### Highlighting

- structure
- local structure
- alerted text

### Blocks environments

- block title
- block body
- block title alerted
- block body alerted
- example text
- block title example
- block body example

### Theorem environments

- qed symbol

### Figures and tables

- caption
- caption name

### Verse, quotations and quotes

- verse
- quotation
- quote

### Footnotes

- footnote
- footnote mark

### Mathematics

- math text
  - math text inlined
  - math text displayed
- normal text in math text

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## Beamer's Fonts

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Use `\setbeamerfont{template name}{key=value} list` to change a Beamer's font.

Keys are: family, series, shape, size, parent.

### Structure of the presentation

#### Global definitions

projected text

#### Title page

title page  
title  
subtitle  
author  
institute  
date

#### Part, section, subsection pages

part page  
section page  
subsection page

#### Table of contents

section in toc  
subsection in toc  
subsubsection in toc  
section in toc shaded  
subsection in toc shaded  
subsubsection in toc shaded  
section number projected

#### Bibliography

bibliography entry author  
bibliography entry title  
bibliography entry location  
bibliography entry note  
bibliography item

#### Note page

note page

### Structure of a frame

#### Background

background canvas  
background

#### Headlines and footlines

headline  
footline  
page number in head/foot

#### Sidebars

sidebar  
    sidebar left  
    sidebar right  
section in sidebar  
section in sidebar shaded  
subsection in sidebar  
subsubsection in sidebar  
title in sidebar  
author in sidebar

#### Navigation bars

mini frame  
section in head/foot  
subsection in head/foot  
subsubsection in head/foot

#### Navigation symbols

navigation symbols

#### Logo

logo

### Elements of a frame

#### Frame title

frametitle  
framesubtitle  
frametitle continuation

#### Abstract

abstract  
abstract title

#### Hyperlinks and buttons

button

#### Lists

itemize item  
itemize subitem  
itemize subsubitem  
enumerate item  
enumerate subitem  
enumerate subsubitem  
enumerate mini template  
itemize/enumerate body  
itemize/enumerate subbody  
itemize/enumerate subsubbody  
description item  
item  
    item projected  
    subitem projected

subsubitem projected

subitem

subsubitem

#### Highlighting

structure  
tiny structure  
alerted text

#### Blocks environments

block title  
block body  
block title alerted  
block body alerted  
block title example  
block body example

#### Theorem environments

qed symbol

#### Figures and tables

caption  
caption name

#### Verse, quotations and quotes

verse  
quotation  
quote

#### Footnotes

footnote  
footnote mark

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## Beamer's Sizes

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Use `\setbeamsizesize{size name=<dim>}` to change a Beamer's size.

The geometry of the page is given by the `geometry` package.

text margin left  
text margin right

sidebar width left  
sidebar width right

description width  
description width of

mini frame size  
miniframe offset

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# Beamer's Templates

---

Use `\setbeamertemplate{template name}{your definition}` to change a Beamer's template.  
The definition is some L<sup>A</sup>T<sub>E</sub>X code which can use any of the `\insert...` commands given below.

## Structure of the presentation

### Title page

title page

### Part, section, subsection pages

part page

section page

subsection page

### Table of contents

sections/subsections in toc

section in toc

subsection in toc

subsubsection in toc

sections/subsections in toc shaded

section in toc shaded

subsection in toc shaded

subsubsection in toc shaded

### Bibliography

bibliography entry author

bibliography entry title

bibliography entry location

bibliography entry note

bibliography item

### Note page

note page

## Structure of a frame

### Background

background canvas

background

## Headlines and footlines

headline

footline

## Sidebars

sidebar left

sidebar right

sidebar canvas left

sidebar canvas right

section in sidebar

section in sidebar shaded

subsection in sidebar

subsection in sidebar shaded

subsubsection in sidebar

subsubsection in sidebar shaded

## Navigation bars

mini frames

mini frame

mini frame in current subsection

mini frame in other subsection

section in head/foot

section in head/foot shaded

subsection in head/foot

subsection in head/foot shaded

subsubsection in head/foot

subsubsection in head/foot shaded

## Navigation symbols

navigation symbols

## Logo

logo

## Elements of a frame

### Frame title

frametitle

frametitle continuation

### Abstract

abstract title

abstract begin

abstract end

### Hyperlinks and buttons

button

### Lists

items

itemize items

itemize item

itemize subitem

itemize subsubitem

enumerate items

enumerate item

enumerate subitem

enumerate subsubitem

enumerate mini template

itemize/enumerate body begin

itemize/enumerate body end

description item

### Highlighting

structure begin

structure end

alerted text begin

alerted text end

## Blocks environments

blocks

block begin

block end

block alerted begin

block alerted end

block example begin

block example end

## Theorem environments

qed symbol

theorems

theorem begin

theorem end

## Figures and tables

caption

caption label separator

## Verse, quotations and quotes

verse begin

verse end

quotation begin

quotation end

quote begin

quote end

## Footnotes

footnote TCF

## Article mode

### Frame structure

frame begin

frame end

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## Insert-like Commands

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These commands can be used to compose templates.

Possible mandatory and optional arguments are omitted, see the official documentation.

### Structure of the presentation

#### Page and frame numbering

```
\insertpagenumber
\insertdocumentstartpage
\insertdocumentendpage
\insertpresentationstartpage
\insertpresentationendpage
\insertpartstartpage
\insertpartendpage
\insertsectionstartpage
\insertsectionendpage
\insertsubsectionstartpage
\insertsubsectionendpage
\insertappendixstartpage
\insertappendixendpage
\insertframenumber
\inserttotalframenumber
\insertframestartpage
\insertframeendpage
```

#### Presentation data

```
\insertauthor
\insertshortauthor
\insertinstitute
\insertshortinstitute
\inserttitle
\insertshorttitle
\insertsubtitle
\insertshortsubtitle
```

```
\insertdate
\insertshortdate
\inserttitlegraphic
```

#### Part, section, subsection data

```
\insertpart
\insertshortpart
\insertpartnumber
\insertpartromannumber
\insertsection
\insertsubsection
\insertsubsubsection
```

#### Table of contents

```
\inserttocsection
\inserttocsectionnumber
\inserttocsubsection
\inserttocsubsectionnumber
\inserttocsubsubsection
\inserttocsubsubsectionnumber
```

#### Bibliography

```
\insertbiblabel
```

#### Note pages

```
\insertnote
\insertslideintonotes
```

### Structure of a frame

#### Headlines and footlines

```
\insertsectionhead
\insertsectionheadnumber
```

```
\insertpartheadnumber
\insertsubsectionhead
\insertsubsectionheadnumber
\insertsubsubsectionhead
\insertsubsubsectionheadnumber
```

#### Navigation bars

```
\insertnavigation
\insertsectionnavigation
\insertsectionnavigationhorizontal
\insertsubsectionnavigation
\insertsubsectionnavigationhorizontal
\insertverticalnavigation
```

#### Navigation symbols

```
\insertslidenavigationsymbol
\insertframenavigationsymbol
\insertsubsectionnavigationsymbol
\insertsectionnavigationsymbol
\insertdocnavigationsymbol
\insertbackfindforwardnavigationsymbol
```

#### Logo

```
\insertlogo
```

### Elements of a frame

#### Frame title

```
\insertframetitle
\insertframesubtitle
\insertcontinuationcount
\insertcontinuationcountroman
\insertcontinuationtext
```

### Hyperlinks and buttons

```
\insertbuttontext
\insertgotosymbol
\insertskipsymbol
\insertreturnsymbol
```

### Lists

```
\insertenumlabel
\insertsubenumlabel
\insertsubsubenumlabel
\insertenumlabel
\insertdescriptionitem
```

### Blocks environments

```
\insertblocktitle
```

### Theorem environments

```
\inserttheoremblockenv
\inserttheoremheadfont
\inserttheoremname
\inserttheoremnumber
\inserttheoremaddition
\inserttheorempunctuation
```

### Figures and tables

```
\insertcaption
\insertcaptionname
\insertcaptionnumber
```

### Footnotes

```
\insertfootnotetext
\insertfootnotemark
```

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## Named Themes

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See the official documentation for options associated to some of these themes.  
Snapshots of the themes can be found at <http://www.hartwork.org/beamer-theme-matrix/>.

### Global Themes

`\usetheme{theme name}`

#### Without Navigation Bar

default  
Bergen  
Boadilla  
Madrid  
AnnArbor  
CambridgeUS  
Pittsburgh  
Rochester

#### Tree-Like Navigation Bar

Antibes  
JuanLesPins  
Montpellier

#### Table of Contents Sidebar

Berkeley  
PaloAlto  
Goettingen  
Marburg  
Hannover

### Mini Frame Navigation

Berlin  
Ilmenau  
Dresden  
Darmstadt  
Frankfurt  
Singapore  
Szeged

### Section and Subsection Tables

Copenhagen  
Luebeck  
Malmoe  
Warsaw

### Inner Themes

`\useinnertheme{theme name}`

default  
circles  
rectangles  
rounded  
inmargin

### Outer Themes

`\useoutertheme{theme name}`

default  
infolines  
miniframes  
smoothbars  
sidebar  
split  
shadow  
tree  
smoothtree

### Color Themes

`\usecolortheme{theme name}`

default  
structure  
sidebartab

### Complete Color Themes

albatross  
beetle  
crane  
dove

fly  
seagull  
wolverine  
beaver

### Inner Color Themes

lily  
orchid  
rose

### Outer Color Themes

whale  
seahorse  
dolphin

### Font Themes

`\usefonttheme{theme name}`

default  
professionalfonts  
serif  
structurebold  
structureitalicserif  
structuresmallcapserif  
structureitalicserif