

The beamercolorthemecatppuccin package

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<https://github.com/atticus-sullivan/beamercolorthemecatppuccin>

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Abstract

The LaTeX package `beamercolorthemecatppuccinPalette` brings the catppuccin theme to beamer.

1 Introduction

Catppuccin¹ is a nice pastel theme in 4 flavours/styles (*Latte*, *Frappé*, *Macchiato*, *Mocha*). This package makes use of the `catppuccinPalette`² package to bring these color themes to beamer.

2 Usage

Just load the color theme with `\usecolortheme{Catppuccin}` and use beamer just like usually.

Note that this package also defines that `\emph` uses the (fg) beamer color `structure`.

As this package loads the `catppuccinPalette` package, we provide the `paletteOpts` package option which is passed to that package (to avoid option clashes).

This package also allows you to set a specific style which sets style of the color scheme being used via the package option `style`.

2.1 Package options

<i>Option</i>	<i>Description</i>
<code>style</code>	set the style of the color scheme being used for beamer. Possible values: <code>Latte</code> (default+initial), <code>latte</code> , <code>Frappe</code> , <code>frappe</code> , <code>Mocha</code> , <code>mocha</code>
<code>paletteOpts</code> <code>accent</code>	pass options to the <code>catppuccinPalette</code> package when loading it allows setting the accent color being used. Must be a valid color from <code>catppuccinpalette</code> (like <code>Sky</code>)

¹<https://github.com/catppuccin/catppuccin>

²<https://ctan.org/pkg/catppuccinpalette>

3 Implementation

```
1 \ifclassloaded{beamer}{
2 \mode<presentation>
3 \DeclareOptionBeamer{style}{\def\beamer@catppuccintheme@style{#1}}
4 \DeclareOptionBeamer{accent}{\def\beamer@catppuccintheme@accent{#1}}
5 \DeclareOptionBeamer{paletteOpts}{\def\beamer@catppuccintheme@paletteOpts{#1}}
6 \ExecuteOptionsBeamer{style=Latte,paletteOpts=,accent=CtpGreen} % set default
7 \ProcessOptionsBeamer
8 %
9 \RequirePackage[\beamer@catppuccintheme@paletteOpts]{catppuccinpalette}
10 \setbeamercolor*{structure}{
11   bg=\beamer@catppuccintheme@accent !20,
12   fg=\beamer@catppuccintheme@accent
13 }
14 \setbeamercolor*{normal text}{
15   bg=Ctp\beamer@catppuccintheme@style Base,
16   fg=Ctp\beamer@catppuccintheme@style Text
17 }
18 \setbeamercolor*{section in toc}{
19   fg=Ctp\beamer@catppuccintheme@style Text,
20   bg=Ctp\beamer@catppuccintheme@style Base
21 }
22 \setbeamercolor*{alerted text}{
23   use=structure,
24   fg=structure.fg!80!gray
25 }
26 \setbeamercolor*{palette primary}{
27   use=structure,
28   fg=structure.fg!60!Ctp\beamer@catppuccintheme@style Text,
29   bg=Ctp\beamer@catppuccintheme@style Surface2
30 }
31 \setbeamercolor*{palette secondary}{
32   use=structure,
33   fg=structure.fg!70!Ctp\beamer@catppuccintheme@style Text,
34   bg=Ctp\beamer@catppuccintheme@style Surface1
35 }
36 \setbeamercolor*{palette tertiary}{
37   use=structure,
38   bg=structure.fg!80!Ctp\beamer@catppuccintheme@style Text,
39   fg=Ctp\beamer@catppuccintheme@style Surface0
40 }
41 \setbeamercolor*{palette quaternary}{
42   use=structure,
43   fg=structure.fg,
44   bg=Ctp\beamer@catppuccintheme@style Mantle
45 }
46 \setbeamercolor*{sidebar}{
47   use=structure,
48   fg=structure.fg,
49   bg=Ctp\beamer@catppuccintheme@style Crust
50 }
51 \setbeamercolor*{palette sidebar primary}{
52   use=structure,
```

```

53 fg=structure.fg!10!Ctp\beamer@catppuccintheme@style Text
54 }
55 \setbeamercolor*{palette sidebar secondary}{
56 use=structure,
57 fg=structure.fg!20!Ctp\beamer@catppuccintheme@style Text
58 }
59 \setbeamercolor*{palette sidebar tertiary}{
60 use=structure,
61 fg=structure.fg!30!Ctp\beamer@catppuccintheme@style Text
62 }
63 \setbeamercolor*{palette sidebar quaternary}{
64 use=structure,
65 fg=structure.fg!40!Ctp\beamer@catppuccintheme@style Text
66 }
67 \setbeamercolor*{titlelike}{
68 bg=Ctp\beamer@catppuccintheme@style Base
69 }
70 \setbeamercolor*{frametitle}{
71 bg=gray!10!Ctp\beamer@catppuccintheme@style Base
72 }
73 \setbeamercolor*{frametitle right}{
74 bg=gray!60!Ctp\beamer@catppuccintheme@style Base
75 }
76 \setbeamercolor*{separation line}{}
77 \setbeamercolor*{fine separation line}{}

from orchid
78 \setbeamercolor{block title}{
79 use=structure,
80 fg=Ctp\beamer@catppuccintheme@style Base,
81 bg=structure.fg!75!Ctp\beamer@catppuccintheme@style Text
82 }
83 \setbeamercolor{block title alerted}{
84 use=alerted text,
85 fg=Ctp\beamer@catppuccintheme@style Base,
86 bg=alerted text.fg!75!Ctp\beamer@catppuccintheme@style Text
87 }
88 \setbeamercolor{block title example}{
89 use=example text,
90 fg=Ctp\beamer@catppuccintheme@style Base,
91 bg=example text.fg!75!Ctp\beamer@catppuccintheme@style Text
92 }
93 \setbeamercolor{block body}{
94 parent=normal text,
95 use=block title,
96 bg=block title.bg!10!bg
97 }
98 \setbeamercolor{block body alerted}{
99 parent=normal text,
100 use=block title alerted,
101 bg=block title alerted.bg!10!bg
102 }
103 \setbeamercolor{block body example}{
104 parent=normal text,
105 use=block title example,

```

```

106 bg=block title example.bg!10!bg
107 }
\emph Redefine emph to use the color defined in beamer
108 \renewcommand{\emph}[1]{\usebeamercolor[fg]{structure}#1}}
close if beamer loaded
109 \mode<all>
110 }

```

Change History

v0.0.1	v1.0.0
General: Converted to DTX file . . . 1	General: First full release 1

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in **roman** refer to the code lines where the entry is used.

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