

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

`Catppuccin`¹ 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`.

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

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

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>	pass options to the <code>catppuccinPalette</code> package when loading it
<code>accent</code>	allows setting the accent color being used. Must be the name of a valid color from the <code>catppuccinpalette</code> (like <code>Sky</code>)
<code>blacktext / whitetext</code>	sets the color of normal text to completely white / black in order to increase the contrast.

3 Implementation

```

1 \@ifclassloaded{beamer}{
2 \mode<presentation>
3 \newif\ifbeamer@catppuccintheme@blacktext
4 \newif\ifbeamer@catppuccintheme@whitetext
5 \DeclareOptionBeamer{style}{\def\beamer@catppuccintheme@style{#1}}
6 \DeclareOptionBeamer{accent}{\def\beamer@catppuccintheme@accent{#1}}
7 \DeclareOptionBeamer{blacktext}{\csname beamer@catppuccintheme@blacktext#1\endcsname}
8 \DeclareOptionBeamer{whitetext}{\csname beamer@catppuccintheme@whitetext#1\endcsname}
9 \DeclareOptionBeamer{paletteOpts}{\def\beamer@catppuccintheme@paletteOpts{#1}}
10 \ExecuteOptionsBeamer{style=Latte,paletteOpts=,accent=Green,blacktext=false,whitetext=false}
11 \ProcessOptionsBeamer
12 %
13 \RequirePackage[\beamer@catppuccintheme@paletteOpts]{catppuccinpalette}
14 \setbeamercolor*{structure}{
15   bg=Ctp\beamer@catppuccintheme@style\beamer@catppuccintheme@accent !20,
16   fg=Ctp\beamer@catppuccintheme@style\beamer@catppuccintheme@accent
17 }
18 \ifbeamer@catppuccintheme@blacktext
19 \setbeamercolor*{normal text}{
20   bg=Ctp\beamer@catppuccintheme@style Base,
21   fg=black
22 }
23 \setbeamercolor*{section in toc}{
24   fg=black,
25   bg=Ctp\beamer@catppuccintheme@style Base
26 }
27 \else\ifbeamer@catppuccintheme@blacktext
28 \setbeamercolor*{normal text}{
29   bg=Ctp\beamer@catppuccintheme@style Base,
30   fg=white
31 }
32 \setbeamercolor*{section in toc}{
33   fg=white,
34   bg=Ctp\beamer@catppuccintheme@style Base
35 }
36 \else

```

```

37 \setbeamercolor*{normal text}{
38   bg=Ctp\beamer@catppuccintheme@style Base,
39   fg=Ctp\beamer@catppuccintheme@style Text
40 }
41 \setbeamercolor*{section in toc}{
42   fg=Ctp\beamer@catppuccintheme@style Text,
43   bg=Ctp\beamer@catppuccintheme@style Base
44 }
45 \fi\fi
46 \setbeamercolor*{alerted text}{
47   use=structure,
48   fg=structure.fg!80!gray
49 }
50 \setbeamercolor*{palette primary}{
51   use=structure,
52   fg=structure.fg!60!Ctp\beamer@catppuccintheme@style Text,
53   bg=Ctp\beamer@catppuccintheme@style Surface2
54 }
55 \setbeamercolor*{palette secondary}{
56   use=structure,
57   fg=structure.fg!70!Ctp\beamer@catppuccintheme@style Text,
58   bg=Ctp\beamer@catppuccintheme@style Surface1
59 }
60 \setbeamercolor*{palette tertiary}{
61   use=structure,
62   bg=structure.fg!80!Ctp\beamer@catppuccintheme@style Text,
63   fg=Ctp\beamer@catppuccintheme@style Surface0
64 }
65 \setbeamercolor*{palette quaternary}{
66   use=structure,
67   fg=structure.fg,
68   bg=Ctp\beamer@catppuccintheme@style Mantle
69 }
70 \setbeamercolor*{sidebar}{
71   use=structure,
72   fg=structure.fg,
73   bg=Ctp\beamer@catppuccintheme@style Crust
74 }
75 \setbeamercolor*{palette sidebar primary}{
76   use=structure,
77   fg=structure.fg!10!Ctp\beamer@catppuccintheme@style Text
78 }
79 \setbeamercolor*{palette sidebar secondary}{
80   use=structure,
81   fg=structure.fg!20!Ctp\beamer@catppuccintheme@style Text
82 }
83 \setbeamercolor*{palette sidebar tertiary}{
84   use=structure,
85   fg=structure.fg!30!Ctp\beamer@catppuccintheme@style Text
86 }
87 \setbeamercolor*{palette sidebar quaternary}{
88   use=structure,
89   fg=structure.fg!40!Ctp\beamer@catppuccintheme@style Text
90 }

```

```

91 \setbeamercolor*{frametitle}{
92   bg=gray!10!Ctp\beamer@catpuccintheme@style Base
93 }
94 \setbeamercolor*{frametitle right}{
95   bg=gray!60!Ctp\beamer@catpuccintheme@style Base
96 }
97 \setbeamercolor*{separation line}{}
98 \setbeamercolor*{fine separation line}{}

from orchid
99 \setbeamercolor{block title}{
100   use=structure,
101   fg=Ctp\beamer@catpuccintheme@style Base,
102   bg=structure.fg!75!Ctp\beamer@catpuccintheme@style Text
103 }
104 \setbeamercolor{block title alerted}{
105   use=alerted text,
106   fg=Ctp\beamer@catpuccintheme@style Base,
107   bg=alerted text.fg!75!Ctp\beamer@catpuccintheme@style Text
108 }
109 \setbeamercolor{block title example}{
110   use=example text,
111   fg=Ctp\beamer@catpuccintheme@style Base,
112   bg=example text.fg!75!Ctp\beamer@catpuccintheme@style Text
113 }
114 \setbeamercolor{block body}{
115   parent=normal text,
116   use=block title,
117   bg=block title.bg!10!bg
118 }
119 \setbeamercolor{block body alerted}{
120   parent=normal text,
121   use=block title alerted,
122   bg=block title alerted.bg!10!bg
123 }
124 \setbeamercolor{block body example}{
125   parent=normal text,
126   use=block title example,
127   bg=block title example.bg!10!bg
128 }

\emph Redefine emph to use the color defined in beamer
129 \renewcommand{\emph}[1]{\usebeamercolor[fg]{structure}#1}}

close if beamer loaded
130 \mode<all>
131 }

```

Change History

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

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