

The `beamercolorthemecatppuccin` package

Lukas Heindl

oss.heindl+latex@protonmail.com

<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 a valid color from <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=CtpGreen,blacktext=false,whitetext=false}
11 \ProcessOptionsBeamer
12 %
13 \RequirePackage[\beamer@catppuccintheme@paletteOpts]{catppuccinpalette}
14 \setbeamercolor*{structure}{
15   bg=\beamer@catppuccintheme@accent !20,
16   fg=\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@catpuccintheme@style Base,
39  fg=Ctp\beamer@catpuccintheme@style Text
40 }
41 \setbeamercolor*{section in toc}{
42   fg=Ctp\beamer@catpuccintheme@style Text,
43   bg=Ctp\beamer@catpuccintheme@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@catpuccintheme@style Text,
53   bg=Ctp\beamer@catpuccintheme@style Surface2
54 }
55 \setbeamercolor*{palette secondary}{
56   use=structure,
57   fg=structure.fg!70!Ctp\beamer@catpuccintheme@style Text,
58   bg=Ctp\beamer@catpuccintheme@style Surface1
59 }
60 \setbeamercolor*{palette tertiary}{
61   use=structure,
62   bg=structure.fg!80!Ctp\beamer@catpuccintheme@style Text,
63   fg=Ctp\beamer@catpuccintheme@style Surface0
64 }
65 \setbeamercolor*{palette quaternary}{
66   use=structure,
67   fg=structure.fg,
68   bg=Ctp\beamer@catpuccintheme@style Mantle
69 }
70 \setbeamercolor*{sidebar}{
71   use=structure,
72   fg=structure.fg,
73   bg=Ctp\beamer@catpuccintheme@style Crust
74 }
75 \setbeamercolor*{palette sidebar primary}{
76   use=structure,
77   fg=structure.fg!10!Ctp\beamer@catpuccintheme@style Text
78 }
79 \setbeamercolor*{palette sidebar secondary}{
80   use=structure,
81   fg=structure.fg!20!Ctp\beamer@catpuccintheme@style Text
82 }
83 \setbeamercolor*{palette sidebar tertiary}{
84   use=structure,
85   fg=structure.fg!30!Ctp\beamer@catpuccintheme@style Text
86 }
87 \setbeamercolor*{palette sidebar quaternary}{
88   use=structure,
89   fg=structure.fg!40!Ctp\beamer@catpuccintheme@style Text
90 }
91 \setbeamercolor*{titlelike}{

```

```

92  bg=Ctp\beamer@catppuccintheme@style Base
93 }
94 \setbeamercolor*{frametitle}{
95  bg=gray!10!Ctp\beamer@catppuccintheme@style Base
96 }
97 \setbeamercolor*{frametitle right}{
98  bg=gray!60!Ctp\beamer@catppuccintheme@style Base
99 }
100 \setbeamercolor*{separation line}{}
101 \setbeamercolor*{fine separation line}{}

from orchid
102 \setbeamercolor{block title}{
103  use=structure,
104  fg=Ctp\beamer@catppuccintheme@style Base,
105  bg=structure.fg!75!Ctp\beamer@catppuccintheme@style Text
106 }
107 \setbeamercolor{block title alerted}{
108  use=alerted text,
109  fg=Ctp\beamer@catppuccintheme@style Base,
110  bg=alerted text.fg!75!Ctp\beamer@catppuccintheme@style Text
111 }
112 \setbeamercolor{block title example}{
113  use=example text,
114  fg=Ctp\beamer@catppuccintheme@style Base,
115  bg=example text.fg!75!Ctp\beamer@catppuccintheme@style Text
116 }
117 \setbeamercolor{block body}{
118  parent=normal text,
119  use=block title,
120  bg=block title.bg!10!bg
121 }
122 \setbeamercolor{block body alerted}{
123  parent=normal text,
124  use=block title alerted,
125  bg=block title alerted.bg!10!bg
126 }
127 \setbeamercolor{block body example}{
128  parent=normal text,
129  use=block title example,
130  bg=block title example.bg!10!bg
131 }

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

close if beamer loaded
133 \mode<all>
134 }

```

Change History

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

Index

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.

B		81, 85, 89, 92,	F	
<code>\beamer@catpuccintheme@accent</code>	95, 98, 104, 105,		<code>\fi</code>	45
.	6, 15, 16	109, 110, 114, 115	I	
<code>\beamer@catpuccintheme@paletteOpts</code>	9, 13	<code>\ifbeamer@catpuccintheme@blacktext</code>
			3, 18, 27
<code>\beamer@catpuccintheme@style</code>	<code>\csname</code>	7, 8	<code>\ifbeamer@catpuccintheme@whitetext</code>
.	5, 20,		4
25, 29, 34, 38,	E		N	
39, 42, 43, 52,	<code>\else</code>	27, 36	<code>\newif</code>	3, 4
53, 57, 58, 62,	<code>\emph</code>	<u>132</u>		
63, 68, 73, 77,	<code>\endcsname</code>	7, 8		