

The beamercolorthemeCatppuccin package

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

v0.0.1 from 2024/02/25

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

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>	pass options to the <code>catppuccinPalette</code> package when loading it

3 Implementation

```
1 \ProvidesPackage{beamercolorthemeCatppuccin}
2 [2024/02/06 v0.0.1 A beamer theme using Catppuccin color scheme]
3 \@ifclassloaded{beamer}{
4 \mode<presentation>
5 \DeclareOptionBeamer{style}{\def\beamer@catppuccintheme@style{#1}}
```

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

²TODO

```

6 \DeclareOptionBeamer{paletteOpts}{\def\beamer@catppuccintheme@paletteOpts{#1}}
7 \ExecuteOptionsBeamer{style=Latte} % set default
8 \ProcessOptionsBeamer
9 %
10 \RequirePackage[\beamer@catppuccintheme@paletteOpts]{catppuccinPalette}

11 \setbeamercolor*{structure}{
12   bg=Cat\beamer@catppuccintheme@style Green!20,
13   fg=Cat\beamer@catppuccintheme@style Green
14 }

15 \setbeamercolor*{normal text}{
16   bg=Cat\beamer@catppuccintheme@style Base,
17   fg=Cat\beamer@catppuccintheme@style Text
18 }

19 \setbeamercolor*{section in toc}{
20   fg=Cat\beamer@catppuccintheme@style Text,
21   bg=Cat\beamer@catppuccintheme@style Base
22 }

23 \setbeamercolor*{alerted text}{
24   use=structure,fg=structure.fg!80!gray}
25 \setbeamercolor*{palette primary}{
26   use=structure,
27   fg=structure.fg!60!Cat\beamer@catppuccintheme@style Text,
28   bg=gray!30!Cat\beamer@catppuccintheme@style Base
29 }

30 \setbeamercolor*{palette secondary}{
31   use=structure,
32   fg=structure.fg!70!Cat\beamer@catppuccintheme@style Text,
33   bg=gray!15!Cat\beamer@catppuccintheme@style Base
34 }

35 \setbeamercolor*{palette tertiary}{
36   use=structure,
37   bg=structure.fg!80!Cat\beamer@catppuccintheme@style Text,
38   fg=gray!10!Cat\beamer@catppuccintheme@style Base
39 }

40 \setbeamercolor*{palette quaternary}{
41   use=structure,
42   fg=structure.fg,
43   bg=gray!5!Cat\beamer@catppuccintheme@style Base
44 }

45 \setbeamercolor*{sidebar}{
46   use=structure,
47   fg=structure.fg,
48   bg=gray!15!Cat\beamer@catppuccintheme@style Base
49 }

50 \setbeamercolor*{palette sidebar primary}{
51   use=structure,
52   fg=structure.fg!10!Cat\beamer@catppuccintheme@style Text
53 }

54 \setbeamercolor*{palette sidebar secondary}{
55   fg=Cat\beamer@catppuccintheme@style Base
56 }

57 \setbeamercolor*{palette sidebar tertiary}{
58   use=structure,

```

```

59 fg=structure.fg!50!Cat\beamer@catppuccintheme@style Text
60 }
61 \setbeamercolor*{palette sidebar quaternary}{
62 fg=gray!10!Cat\beamer@catppuccintheme@style Base
63 }
64 \setbeamercolor*{titlelike}{
65 parent=structure,
66 bg=Cat\beamer@catppuccintheme@style Base
67 }
68 \setbeamercolor*{frametitle}{
69 bg=gray!10!Cat\beamer@catppuccintheme@style Base
70 }
71 \setbeamercolor*{frametitle right}{
72 bg=gray!60!Cat\beamer@catppuccintheme@style Base
73 }
74 \setbeamercolor*{separation line}{ }
75 \setbeamercolor*{fine separation line}{ }

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

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

close if beamer loaded
107 \mode<all>

```

Change History

v0.0.1

General: Converted to DTX file . . 1

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