

# 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`<sup>1</sup> is a nice pastel theme in 4 flavours/styles (*Latte*, *Frappé*, *Macchiato*, *Mocha*). This package makes use of the `catppuccinPalette`<sup>2</sup> 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`.

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

<sup>2</sup><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*{titlelike}{
92   bg=Ctp\beamer@catppuccintheme@style Base,
93   fg=Ctp\beamer@catppuccintheme@style\beamer@catppuccintheme@accent
94 }
95 \setbeamercolor*{frametitle}{
96   bg=gray!10!Ctp\beamer@catppuccintheme@style Base
97 }
98 \setbeamercolor*{frametitle right}{
99   bg=gray!60!Ctp\beamer@catppuccintheme@style Base
100 }
101 \setbeamercolor*{separation line}{}
102 \setbeamercolor*{fine separation line}{}

from orchid
103 \setbeamercolor{block title}{
104   use=structure,
105   fg=Ctp\beamer@catppuccintheme@style Base,
106   bg=structure.fg!75!Ctp\beamer@catppuccintheme@style Text
107 }
108 \setbeamercolor{block title alerted}{
109   use=alerted text,
110   fg=Ctp\beamer@catppuccintheme@style Base,
111   bg=alerted text.fg!75!Ctp\beamer@catppuccintheme@style Text
112 }
113 \setbeamercolor{block title example}{
114   use=example text,
115   fg=Ctp\beamer@catppuccintheme@style Base,
116   bg=example text.fg!75!Ctp\beamer@catppuccintheme@style Text
117 }
118 \setbeamercolor{block body}{
119   parent=normal text,
120   use=block title,
121   bg=block title.bg!10!bg
122 }
123 \setbeamercolor{block body alerted}{
124   parent=normal text,
125   use=block title alerted,
126   bg=block title alerted.bg!10!bg
127 }
128 \setbeamercolor{block body example}{
129   parent=normal text,
130   use=block title example,
131   bg=block title example.bg!10!bg
132 }

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

close if beamer loaded
134 \mode<all>
135 }

```

## Change History

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

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