

# 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: <b>Latte</b> (default+initial), <b>Frappe</b> , <b>Mocha</b>
<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 \NeedsTeXFormat{LaTeX2e}[1999/12/01]
2 \ProvidesPackage{beamercolorthemecatppuccin}[2026-06-01 v1.3.0 catppuccin beamer color theme]
3
4 \@ifclassloaded{beamer}{
5 \mode<presentation>
6 \newif\ifbeamer@catppuccintheme@blacktext
7 \newif\ifbeamer@catppuccintheme@whitetext
8 \DeclareOptionBeamer{style}{\def\beamer@catppuccintheme@style{#1}}
9 \DeclareOptionBeamer{accent}{\def\beamer@catppuccintheme@accent{#1}}
10 \DeclareOptionBeamer{blacktext}{\csname beamer@catppuccintheme@blacktext#1\endcsname}
11 \DeclareOptionBeamer{whitetext}{\csname beamer@catppuccintheme@whitetext#1\endcsname}
12 \DeclareOptionBeamer{paletteOpts}{\def\beamer@catppuccintheme@paletteOpts{#1}}
13 \ExecuteOptionsBeamer{style=Latte,paletteOpts=,accent=Green,blacktext=false,whitetext=false}
14 \ProcessOptionsBeamer
15 %
16 \RequirePackage[\beamer@catppuccintheme@paletteOpts]{catppuccinpalette}
17 \setbeamercolor*{structure}{
18   bg=Ctp\beamer@catppuccintheme@style\beamer@catppuccintheme@accent !20,
19   fg=Ctp\beamer@catppuccintheme@style\beamer@catppuccintheme@accent
20 }
21 \ifbeamer@catppuccintheme@blacktext
22 \setbeamercolor*{normal text}{
23   bg=Ctp\beamer@catppuccintheme@style Base,
24   fg=black
25 }
26 \setbeamercolor*{section in toc}{
27   fg=black,
28   bg=Ctp\beamer@catppuccintheme@style Base
29 }
30 \else\ifbeamer@catppuccintheme@blacktext
31 \setbeamercolor*{normal text}{
32   bg=Ctp\beamer@catppuccintheme@style Base,
33   fg=white
34 }
35 \setbeamercolor*{section in toc}{
36   fg=white,

```

```

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

```

```

91   use=structure,
92   fg=structure.fg!40!Ctp\beamer@catppuccintheme@style Text
93 }
94 \setbeamercolor*{titlelike}{
95   bg=Ctp\beamer@catppuccintheme@style Base,
96   fg=Ctp\beamer@catppuccintheme@style\beamer@catppuccintheme@accent
97 }
98 \setbeamercolor*{frametitle}{
99   bg=gray!10!Ctp\beamer@catppuccintheme@style Base
100 }
101 \setbeamercolor*{frametitle right}{
102   bg=gray!60!Ctp\beamer@catppuccintheme@style Base
103 }
104 \setbeamercolor*{separation line}{
105 \setbeamercolor*{fine separation line}{

from orchid
106 \setbeamercolor{block title}{
107   use=structure,
108   fg=Ctp\beamer@catppuccintheme@style Base,
109   bg=structure.fg!75!Ctp\beamer@catppuccintheme@style Text
110 }
111 \setbeamercolor{block title alerted}{
112   use=alerted text,
113   fg=Ctp\beamer@catppuccintheme@style Base,
114   bg=alerted text.fg!75!Ctp\beamer@catppuccintheme@style Text
115 }
116 \setbeamercolor{block title example}{
117   use=example text,
118   fg=Ctp\beamer@catppuccintheme@style Base,
119   bg=example text.fg!75!Ctp\beamer@catppuccintheme@style Text
120 }
121 \setbeamercolor{block body}{
122   parent=normal text,
123   use=block title,
124   bg=block title.bg!10!bg
125 }
126 \setbeamercolor{block body alerted}{
127   parent=normal text,
128   use=block title alerted,
129   bg=block title alerted.bg!10!bg
130 }
131 \setbeamercolor{block body example}{
132   parent=normal text,
133   use=block title example,
134   bg=block title example.bg!10!bg
135 }

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

close if beamer loaded
137 \mode<all>
138 }

```

## Change History

v0.0.1	v1.2.0
General: Converted to DTX file . . . <b>1</b>	
v1.0.0	General: Merge with official
General: First full release . . . . . <b>1</b>	catppuccin package . . . . . <b>1</b>

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