

Converting Colors

Hex(C67BD0)

Have a look what the booklet for
Hex(C67BD0) contains.

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Color

Hex(C67BD0)

Conversions

Conversions Part 1

Format	Color
Hex	C67BD0
RGB	198, 123, 208
RGB Percent	78%, 48%, 82%
CMY	0.2235, 0.5176, 0.1843
CMYK	0.05, 0.41, 0.00, 0.18
HSL	293°, 47%, 65%
HSV	293°, 41%, 82%
XYZ	41.7568, 30.7258, 63.4043
YIQ	155.1150, 17.4150, 42.3350

Conversions

Conversions Part 2

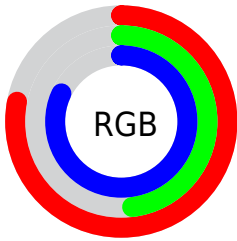
Format	Color
RYB	198, 123, 208
Decimal	13007824
CIELab	62.28, 42.71, -32.06
CIELCh	62, 53.399, 323.109
Yxy	30.7258, 0.3073, 0.2261
Android (android.graphics.Color)	4291197904 (0xFFC67BD0)
YUV	155.1150, 26.0723, 37.6101
Hunter-Lab	55.4308, 37.4627, -29.0171

Details

The Hex color **C67BD0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **85D07B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB1FF**, and **8F4899** is the 20% darker color. If you saturate the color by 10%, you get **C466D0**, and if you desaturate by 10%, it is **C890D0**.

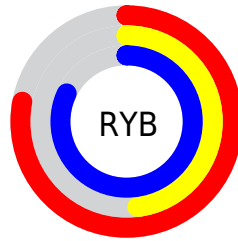
Distribution



Red (78%)

Green (48%)

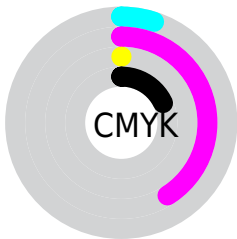
Blue (82%)



Red (78%)

Yellow (48%)

Blue (82%)

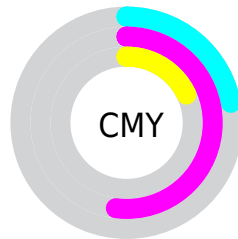


Cyan (5%)

Magenta (41%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (52%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color C67BD0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C67BD0 by changing the saturation by 10% instead.

 C67BD0

 C67BD0

FFFFFF

 AA61B4

 FFB1FF

 8F4899

 FFCDFE

 742E7F

 FFEAFF

 5A1366

 40004D

 2A0036

 020020

 000004

 000000

 C67BD0

 C67BD0

 C466D0

 C890D0

 C151D0

 CBA5D0

 BF3DD0

 CDB9D0

 BC28D0

 D0CED0

 BA13D0

 D2E3D0

 B800D0

 D5F8D0

 D7FFD0

 DAFFD0

 DCFFD0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



868EEE



C67BD0



E76DA4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C67BD0



BA9033



00AEBA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C67BD0



85D07B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00AD8A



C67BD0



8D9F3A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C67BD0



DC7E4C



52A85B



00A9E1

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C67BD0



EE6D84



52A85B



00AEAB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C67BD0



FBE0FF



7B86D0



7D6E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C67BD0



F082FF



D07BB1



675E69



9500A8



240029

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D07B85



FF8291



7BD09A



695E5F



A80014



290005

Previews

White Background



This preview shows how the Hex color C67BD0 looks on a white background.

Color Contrast Check

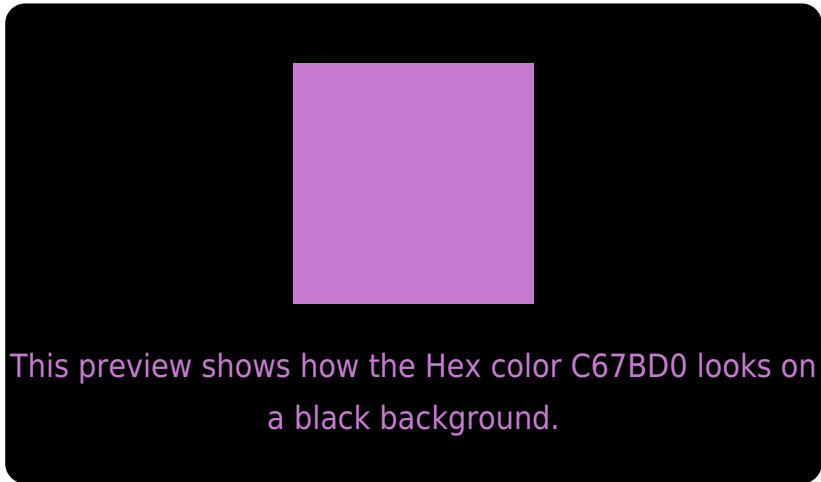
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

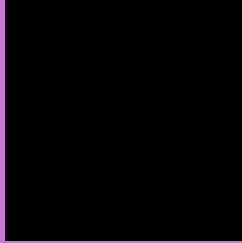
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C67BD0 Background



This preview shows how black text looks on a background with the Hex color C67BD0.

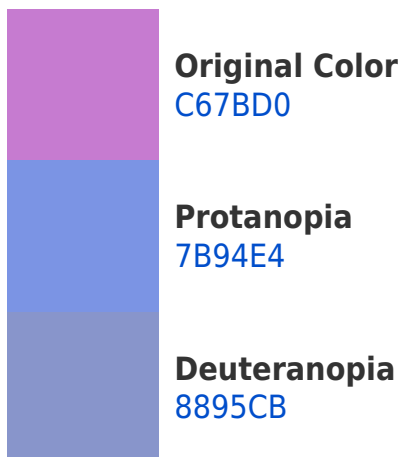


This preview shows how white text looks on a background with the Hex color C67BD0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

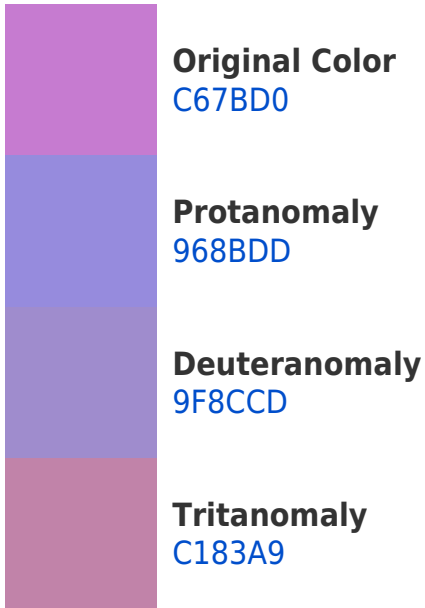
Dichromacy



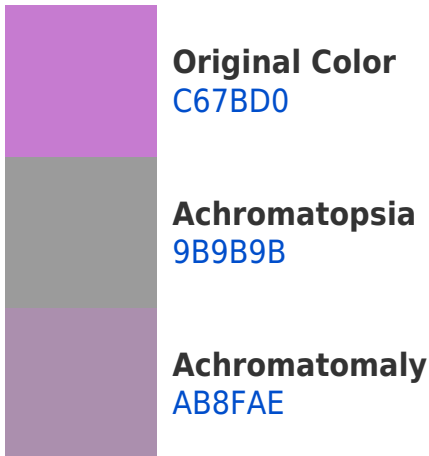


Tritanopia
BE8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C67BD0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C67BD0 looks like.

```
.text, #text, p{  
    color:#C67BD0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C67BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67BD0
}
```

Border

The CSS property to change the border of an element to Hex C67BD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C67BD0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C67BD0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C67BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67BD0; -webkit-box-shadow:4px 4px  
4px 4px #C67BD0; box-shadow:4px 4px 4px  
4px #C67BD0 }
```

Background

The CSS property to change the background color of an element to Hex C67BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67BD0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C67BD0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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