

# Converting Colors

Hex(C67EDB)

Have a look what the booklet for  
Hex(C67EDB) contains.

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# **Color**

**Hex(C67EDB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C67EDB
RGB	198, 126, 219
RGB Percent	78%, 49%, 86%
CMY	0.2235, 0.5059, 0.1412
CMYK	0.10, 0.42, 0.00, 0.14
HSL	286°, 56%, 68%
HSV	286°, 42%, 86%
XYZ	43.5357, 32.0419, 70.9080
YIQ	158.1300, 13.0590, 44.1870

# Conversions

## Conversions Part 2

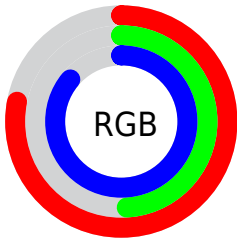
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">198, 126, 219</a>
Decimal	<a href="#">13008603</a>
CIELab	<a href="#">63.38, 43.28, -36.50</a>
CIElCh	<a href="#">63, 56.616, 319.858</a>
Yxy	<a href="#">32.0419, 0.2972, 0.2187</a>
Android (android.graphics.Color)	<a href="#">4291198683 (0xFFC67EDB)</a>
YUV	<a href="#">158.1300, 30.0089, 34.9660</a>
Hunter-Lab	<a href="#">56.6056, 38.2257, -34.6467</a>

# Details

The Hex color **C67EDB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93DB7E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB4FF**, and **8E4AA4** is the 20% darker color. If you saturate the color by 10%, you get **C168DB**, and if you desaturate by 10%, it is **CB94DB**.

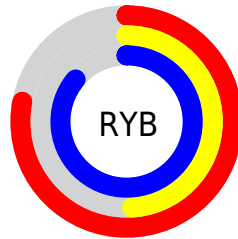
# Distribution



Red (78%)

Green (49%)

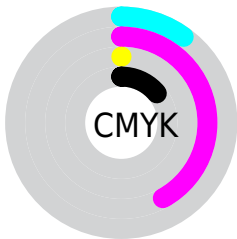
Blue (86%)



Red (78%)

Yellow (49%)

Blue (86%)

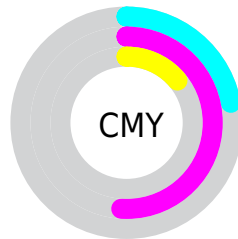


Cyan (10%)

Magenta (42%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (51%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C67EDB 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 C67EDB by changing the saturation by 10% instead.



 C67EDB

 C67EDB

FFFFFF

 AA64BF

 FFB4FF

 8E4AA4

 FFD0FF

 743189

 FFEDFF

 59176F

 400056

 28003F

 060028

 000111

 000000

 C67EDB

 C67EDB

 C168DB

 CB94DB

 BC52DB

 D0AADB

 B73CDB

 D5C0DB

 B226DB

 DAD6DB

 AD11DB

 DFECDB

 AA00DB

 E4FFDB

 E9FFDB

 EEFFDB

 F3FFDB

# Harmonies

## Analogous

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



7D93F9



C67EDB



ED6EAD

# Triad

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



C67EDB



C39130



00B2BA

# Complementary

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



C67EDB



93DB7E

# 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.



00B186



C67EDB



94A133

# Square

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



C67EDB



E67D4E



58AC55



00AEE6

# Rectangle

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



C67EDB



F66B8B



58AC55



00B2A9



# Sweetspot

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



C67EDB



F8DEFF



7E94DB



7B6B80



000000



808080



# Same Dimension

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



C67EDB



E27DFF



DB7EC2



6B636E



8600AD



24002E



# Inverse Universe

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



DB7E93



FF7D9A



7EDB97



6E6365



AD0027

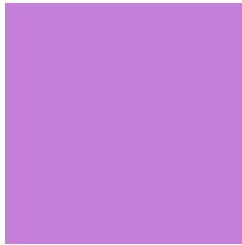


2E000A



# Previews

## White Background



This preview shows how the Hex color C67EDB 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

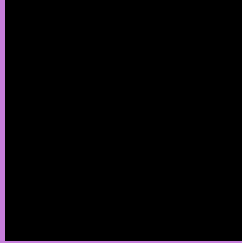
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C67EDB Background



This preview shows how black text looks on a background with the Hex color C67EDB.

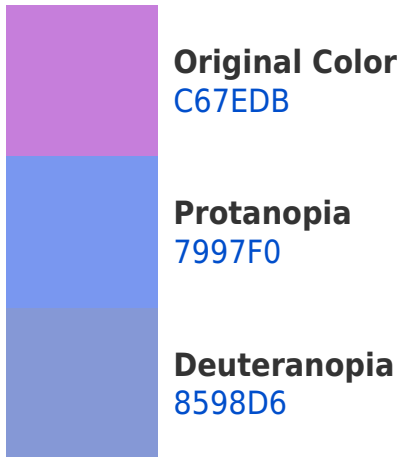



This preview shows how white text looks on a background with the Hex color C67EDB.

# 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](#).

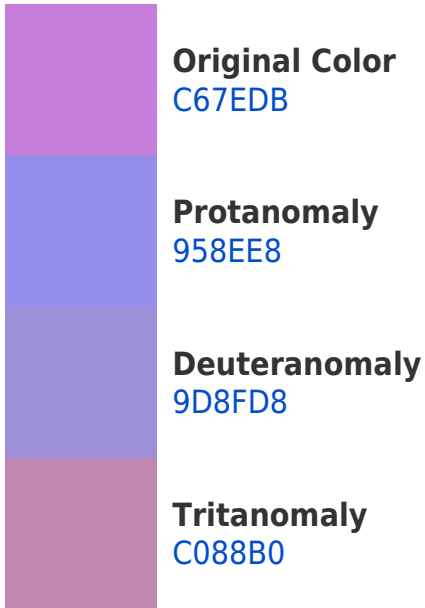
## Dichromacy



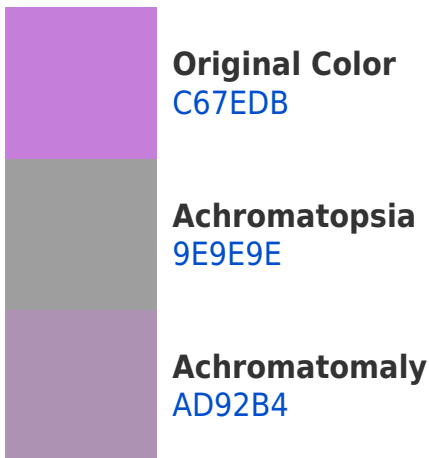


**Tritanopia**  
BC8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C67EDB 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 #C67EDB looks like.

```
.text, #text, p{  
    color:#C67EDB  
}
```

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 #C67EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67EDB
}
```

## Border

The CSS property to change the border of an element to Hex C67EDB is called "border". The border property can be set on classes, ids or directly on the HTML element.

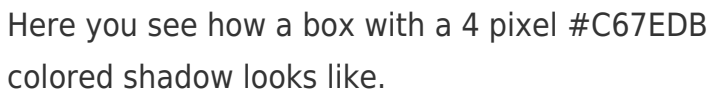
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C67EDB }
```

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

```
.border{ border-color:#C67EDB }
```

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



Here you see how a box with a 4 pixel `#C67EDB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67EDB; -webkit-box-shadow:4px 4px  
4px 4px #C67EDB; box-shadow:4px 4px 4px  
4px #C67EDB }
```

# Background

The CSS property to change the background color of an element to Hex C67EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67EDB }
```

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

```
.background{ background-color:#C67EDB }
```

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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