

# Converting Colors

Hex(C77BF7)

Have a look what the booklet for  
Hex(C77BF7) contains.

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# Color

**Hex(C77BF7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C77BF7
RGB	199, 123, 247
RGB Percent	78%, 48%, 97%
CMY	0.2196, 0.5176, 0.0314
CMYK	0.19, 0.50, 0.00, 0.03
HSL	277°, 89%, 73%
HSV	277°, 50%, 97%
XYZ	47.4246, 33.0234, 91.8703
YIQ	159.8600, 5.4920, 54.6760

# Conversions

## Conversions Part 2

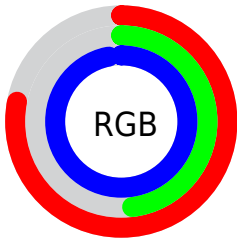
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 123, 247</a>
Decimal	<a href="#">13073399</a>
CIELab	<a href="#">64.18, 50.97, -50.75</a>
CIElCh	<a href="#">64, 71.926, 315.127</a>
Yxy	<a href="#">33.0234, 0.2752, 0.1916</a>
Android (android.graphics.Color)	<a href="#">4291263479</a> ( <a href="#">0xFFC77BF7</a> )
YUV	<a href="#">159.8600, 42.9600, 34.3258</a>
Hunter-Lab	<a href="#">57.4660, 46.7441, -54.5601</a>

# Details

The Hex color **C77BF7** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **ABF77B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB1FF**, and **8E47BE** is the 20% darker color. If you saturate the color by 10%, you get **BD62F7**, and if you desaturate by 10%, it is **D194F7**.

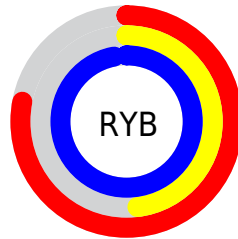
# Distribution



Red (78%)

Green (48%)

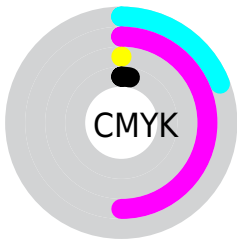
Blue (97%)



Red (78%)

Yellow (48%)

Blue (97%)

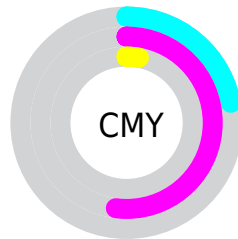


Cyan (19%)

Magenta (50%)

Yellow (0%)

Black (3%)



Cyan (22%)

Magenta (52%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77BF7 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 C77BF7 by changing the saturation by 10% instead.



 C77BF7

 C77BF7

FFFFFF

 AA61DA

 FFB1FF

 8E47BE

 FFCEFF

 732DA2


 FFEAFF


 570F88

 3C006E

 210055

 00003D

 000226

 00010F

 C77BF7

 C77BF7

 BD62F7

 D194F7

 B44AF7

 DAACF7

 AA31F7

 E4C5F7

 A118F7

 EDDEF7

 9700F7

 F7F7F7

 FFFFF7

# Harmonies

## Analogous

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



4E98FF



C77BF7



FE5FBE

# Triad

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



C77BF7



D48D00



00B9BB

# Complementary

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



C77BF7



ABF77B

# 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.



00B778



C77BF7



9CA300

# Square

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



C77BF7



FD7142



4EB038



00B6F6

# Rectangle

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



C77BF7



FF5893



4EB038



00B9A5



# Sweetspot

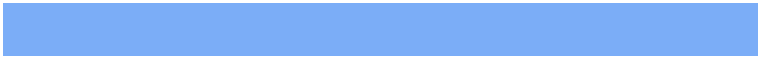
The Sweet Spot groups the original color and five complimentary colors.



C77BF7



F0D9FF



7BADF7



776980



000000



808080



# Same Dimension

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



C77BF7



C466FF



F77BEB



766E7A



7200BA



24003B



# Inverse Universe

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



F77BAB



FF66A1



7BF787



7A6E73



BA0048

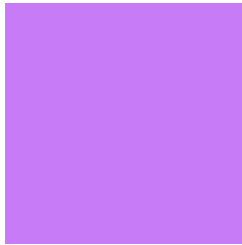


3B0017



# Previews

## White Background



This preview shows how the Hex color C77BF7 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

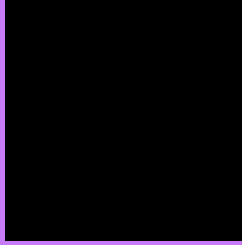
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C77BF7 Background



This preview shows how black text looks on a background with the Hex color C77BF7.

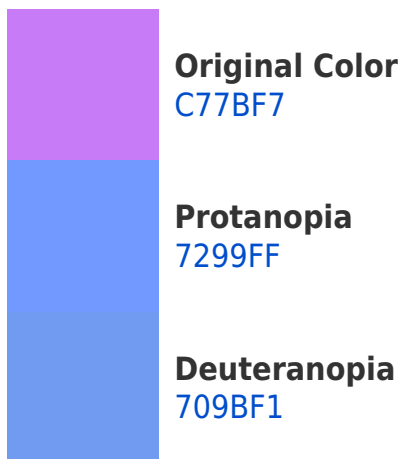



This preview shows how white text looks on a background with the Hex color C77BF7.

# 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](#).

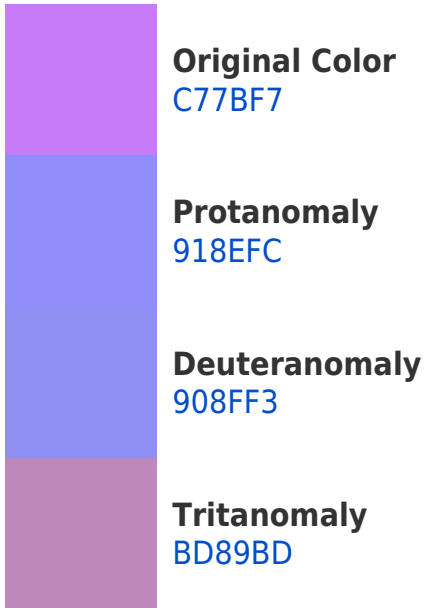
## Dichromacy



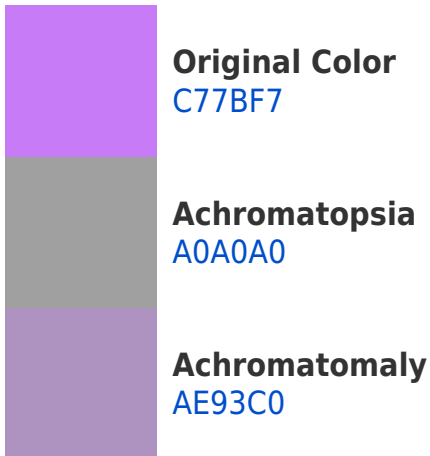


**Tritanopia**  
B8919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77BF7 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 #C77BF7 looks like.

```
.text, #text, p{  
    color:#C77BF7  
}
```

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 #C77BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77BF7
}
```

## Border

The CSS property to change the border of an element to Hex C77BF7 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
#C77BF7 }
```

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

```
.border{ border-color:#C77BF7 }
```

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

Here you see how a box with a 4 pixel #C77BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77BF7; -webkit-box-shadow:4px 4px  
4px 4px #C77BF7; box-shadow:4px 4px 4px  
4px #C77BF7 }
```

# Background

The CSS property to change the background color of an element to Hex C77BF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77BF7 }
```

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

```
.background{ background-color:#C77BF7 }
```

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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