

# Converting Colors

Hex(C77CCF)

Have a look what the booklet for  
Hex(C77CCF) contains.

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# Color

Hex(C77CCF)

# Conversions

## Conversions Part 1

Format	Color
Hex	C77CCF
RGB	199, 124, 207
RGB Percent	78%, 49%, 81%
CMY	0.2196, 0.5137, 0.1882
CMYK	0.04, 0.40, 0.00, 0.19
HSL	294°, 46%, 65%
HSV	294°, 40%, 81%
XYZ	42.0233, 31.0624, 62.8123
YIQ	155.8870, 18.0570, 41.7130

# Conversions

## Conversions Part 2

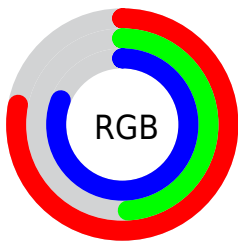
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 124, 207
Decimal	13073615
CIELab	62.56, 42.29, -31.04
CIELCh	63, 52.458, 323.718
Yxy	31.0624, 0.3092, 0.2286
Android (android.graphics.Color)	4291263695 (0xFFC77CCF)
YUV	155.8870, 25.1987, 37.8101
Hunter-Lab	55.7337, 37.0555, -27.8067

# Details

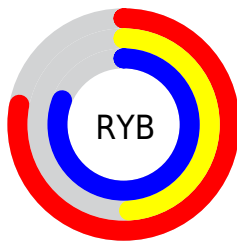
The Hex color **C77CCF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84CF7C**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB2FF**, and **904998** is the 20% darker color. If you saturate the color by 10%, you get **C567CF**, and if you desaturate by 10%, it is **C991CF**.

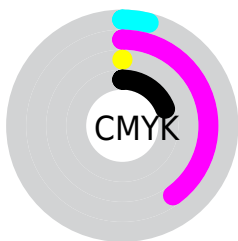
# Distribution



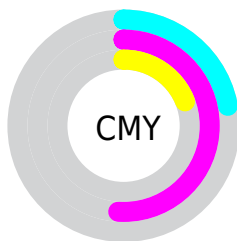
- Red (78%)
- Green (49%)
- Blue (81%)



- Red (78%)
- Yellow (49%)
- Blue (81%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (51%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77CCF 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 C77CCF by changing the saturation by 10% instead.



 C77CCF

 C77CCF

FFFFFF

 AB62B3

 FF22FF

 904998

 FFCEFF

 752F7E

 FFEBFF

 5B1565

 41004D

 2B0036

 05001F

 000002

 000000

 C77CCF

 C77CCF

 C567CF

 C991CF

 C353CF

 CBA5CF

 C13ECF

 CDBACF

 BF29CF

 CFCFCF

 BD14CF

 D1E4CF

 BB00CF

 D3F8CF

 D5FFCF

 D7FFCF

 D9FFCF

# Harmonies

## Analogous

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



898FED



C77CCF



E76FA3

# Triad

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



C77CCF



BA9136



00AEBB

# Complementary

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



C77CCF



84CF7C

# 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.



00AE8C



C77CCF



8DA03D

# Square

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



C77CCF



DC804D



53A95E



00AAE1

# Rectangle

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



C77CCF



EE6F84



53A95E



00AEAC



# Sweetspot

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



C77CCF



FCE0FF



7C84CF



7E6E80



000000



808080



# Same Dimension

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



C77CCF



F385FF



CF7CAE



685E69



9800A8



250029



# Inverse Universe

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



CF7C84



FF8590



7CCF9D



695E5F



A80010

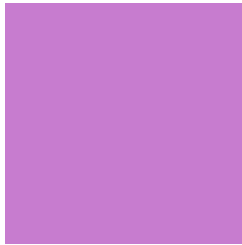


290004



# Previews

## White Background



This preview shows how the Hex color C77CCF looks on a white background.

## Color Contrast Check

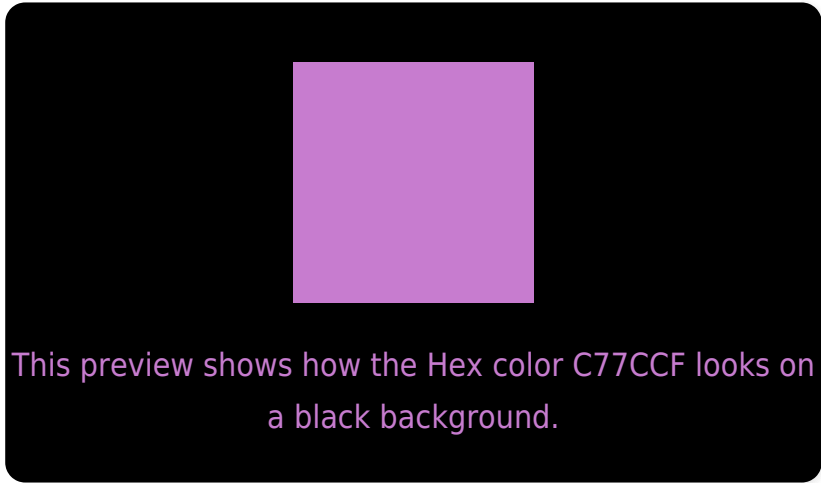
Large Text (above 18pt) WCAG AA × Fail

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

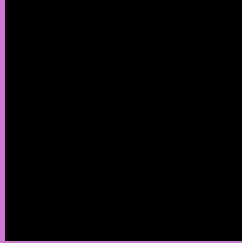
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C77CCF Background



This preview shows how black text looks on a background with the Hex color C77CCF.

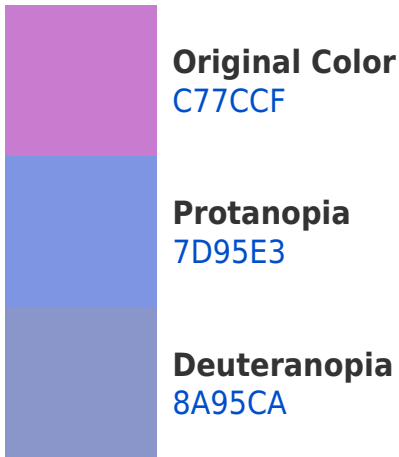


This preview shows how white text looks on a background with the Hex color C77CCF.

# 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](#).

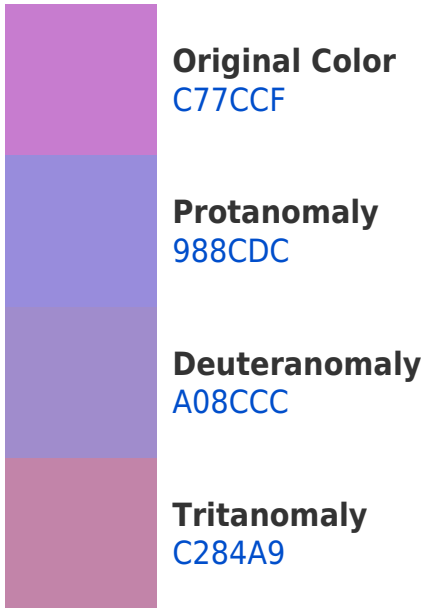
## Dichromacy



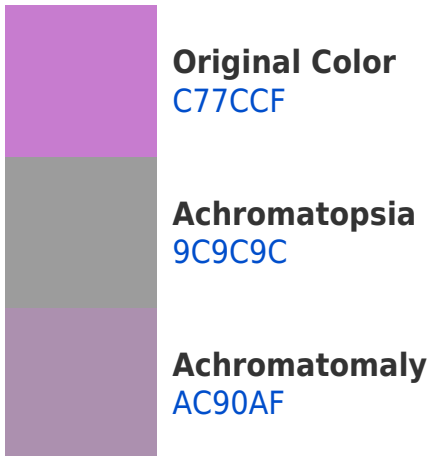


**Tritanopia**  
BF8993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77CCF 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 #C77CCF looks like.

```
.text, #text, p{  
    color:#C77CCF  
}
```

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 #C77CCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77CCF
}
```

## Border

The CSS property to change the border of an element to Hex C77CCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

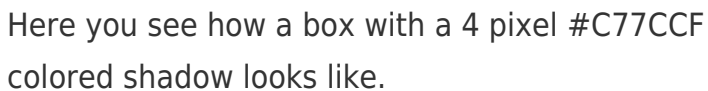
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C77CCF }
```

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

```
.border{ border-color:#C77CCF }
```

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



Here you see how a box with a 4 pixel `#C77CCF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77CCF; -webkit-box-shadow:4px 4px  
4px 4px #C77CCF; box-shadow:4px 4px 4px  
4px #C77CCF }
```

# Background

The CSS property to change the background color of an element to Hex C77CCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77CCF }
```

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

```
.background{ background-color:#C77CCF }
```

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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