

# Converting Colors

Hex(C77DCD)

Have a look what the booklet for  
Hex(C77DCD) contains.

<b>Hex(C77DCD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C77DCD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77DCD
RGB	199, 125, 205
RGB Percent	78%, 49%, 80%
CMY	0.2196, 0.5098, 0.1961
CMYK	0.03, 0.39, 0.00, 0.20
HSL	296°, 44%, 65%
HSV	296°, 39%, 80%
XYZ	41.9062, 31.2171, 61.5744
YIQ	156.2460, 18.4240, 40.5680

# Conversions

## Conversions Part 2

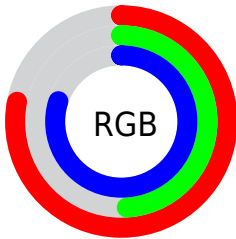
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 125, 205
Decimal	13073869
CIELab	62.69, 41.37, -29.72
CIELCh	63, 50.938, 324.310
Yxy	31.2171, 0.3111, 0.2318
Android (android.graphics.Color)	4291263949 (0xFFC77DCD)
YUV	156.2460, 24.0357, 37.4953
Hunter-Lab	55.8723, 36.1050, -26.2303

# Details

The Hex color **C77DCD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83CD7D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB3FF**, and **904A96** is the 20% darker color. If you saturate the color by 10%, you get **C569CD**, and if you desaturate by 10%, it is **C992CD**.

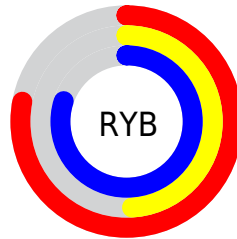
# Distribution



Red (78%)

Green (49%)

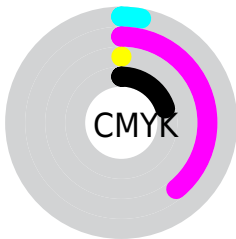
Blue (80%)



Red (78%)

Yellow (49%)

Blue (80%)

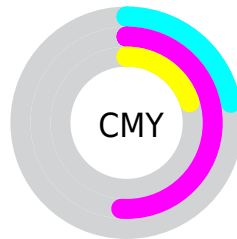


Cyan (3%)

Magenta (39%)

Yellow (0%)

Black (20%)



Cyan (22%)

Magenta (51%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77DCD 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 C77DCD by changing the saturation by 10% instead.



 C77DCD

 C77DCD

FFFFFF

 AB63B1

 FF33FF

 904A96

 FFCFFF

 75317C

 FFE0FF

 5B1663

 42004B

 2B0034

 06001E

 000000

 C77DCD

 C77DCD

 C569CD

 C992CD

 C454CD

 CAA6CD

 C23FCD

 CCBBCD

 C12BCD

 CDCFCD

 BF16CD

 CFE3CD

 BE02CD

 D0F8CD

 BE00CD

 D2FFCD

 D3FFCD

 D5FFCD

# Harmonies

## Analogous

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



8C8FEA



C77DCD



E671A2

# Triad

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



C77DCD



B9923A



00AEBB

# Complementary

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



C77DCD



83CD7D

# 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.



00AE8D



C77DCD



8DA041

# Square

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



C77DCD



DA814F



55A961



00A9E0

# Rectangle

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



C77DCD



EC7184



55A961



00AEAD



# Sweetspot

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



C77DCD



FDE0FF



7D84CD



7E6E80



000000



808080



# Same Dimension

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



C77DCD



F687FF



CD7DAC



655C66



9900A6



230026



# Inverse Universe

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



CD7D83



FF8790



7DCD9E



665C5D



A6000C

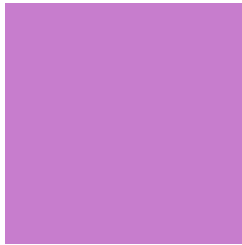


260003



# Previews

## White Background



This preview shows how the Hex color C77DCD looks on a white background.

## Color Contrast Check

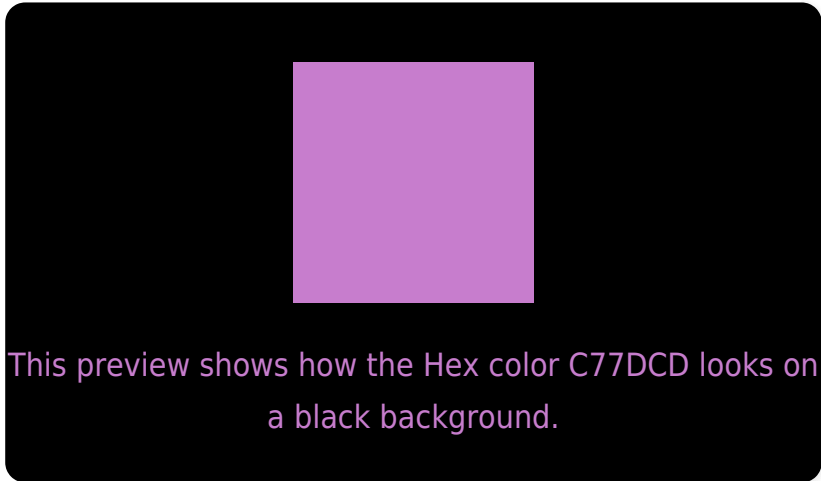
Large Text (above 18pt) WCAG AA × Fail

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

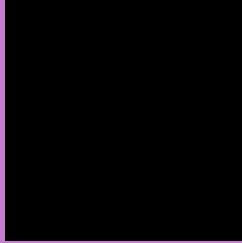
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C77DCD Background



This preview shows how black text looks on a background with the Hex color C77DCD.

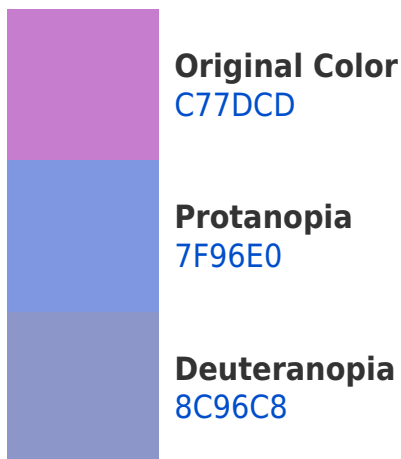


This preview shows how white text looks on a background with the Hex color C77DCD.

# 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](#).

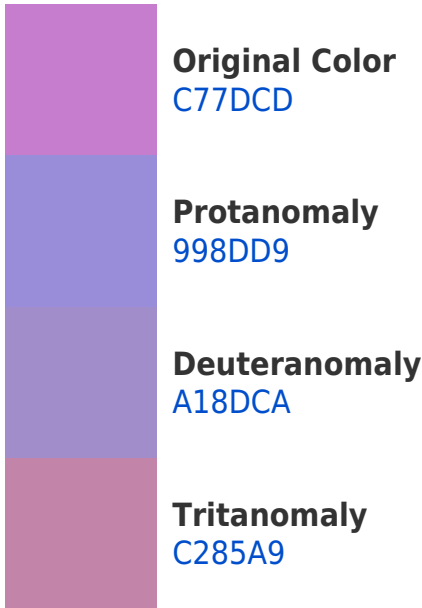
## Dichromacy



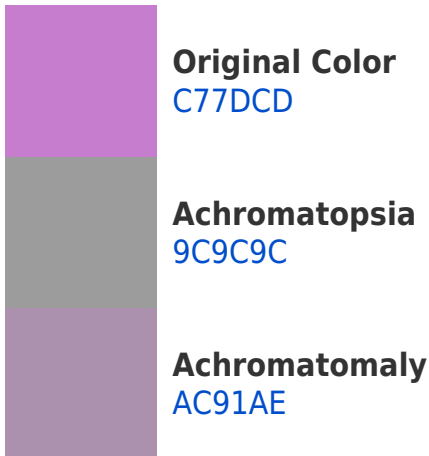


**Tritanopia**  
BF8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77DCD 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 #C77DCD looks like.

```
.text, #text, p{  
    color:#C77DCD  
}
```

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 #C77DCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77DCD
}
```

## Border

The CSS property to change the border of an element to Hex C77DCD 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
#C77DCD }
```

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

```
.border{ border-color:#C77DCD }
```

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

Here you see how a box with a 4 pixel #C77DCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77DCD; -webkit-box-shadow:4px 4px  
4px 4px #C77DCD; box-shadow:4px 4px 4px  
4px #C77DCD }
```

# Background

The CSS property to change the background color of an element to Hex C77DCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77DCD }
```

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

```
.background{ background-color:#C77DCD }
```

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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