

# Converting Colors

Hex(C77DFF)

Have a look what the booklet for  
Hex(C77DFF) contains.

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# Color

**Hex(C77DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C77DFF
RGB	199, 125, 255
RGB Percent	78%, 49%, 100%
CMY	0.2196, 0.5098, 0.0000
CMYK	0.22, 0.51, 0.00, 0.00
HSL	274°, 100%, 75%
HSV	274°, 51%, 100%
XYZ	48.9368, 34.0293, 98.5968
YIQ	161.9460, 2.3740, 56.1180

# Conversions

## Conversions Part 2

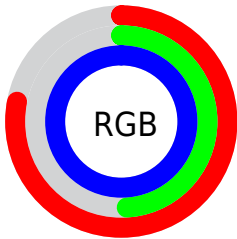
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 125, 255
Decimal	13073919
CIE Lab	64.99, 51.67, -53.86
CIE LCh	65, 74.638, 313.810
Yxy	34.0293, 0.2695, 0.1874
Android (android.graphics.Color)	4291263999 (0xFFC77DFF)
YUV	161.9460, 45.8756, 32.4964
Hunter-Lab	58.3347, 47.6575, -59.3772

# Details

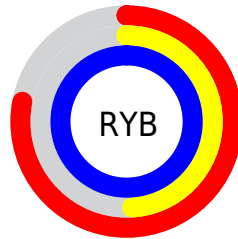
The Hex color **C77DFF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **B5FF7D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB4FF**, and **8E49C6** is the 20% darker color. If you saturate the color by 10%, you get **BC64FF**, and if you desaturate by 10%, it is **D297FF**.

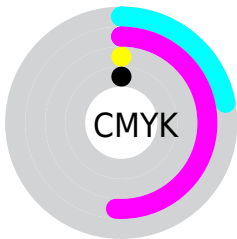
# Distribution



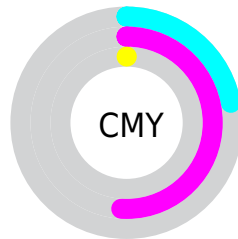
- Red (78%)
- Green (49%)
- Blue (100%)



- Red (78%)
- Yellow (49%)
- Blue (100%)



- Cyan (22%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C77DFF 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 C77DFF by changing the saturation by 10% instead.



 C77DFF

 C77DFF

FFFFFF

 AA63E2

 FFB4FF

 8E49C6

 FFD0FF

 722FAA

 FFEDFF

 57128F

 3B0075

 1E005B

 000043

 00032C

 000116

 C77DFF

 C77DFF

 BC64FF

 D297FF

 B14AFF

 DDB0FF

 A631FF

 E8CAFF

 9B17FF

 F3E3FF

 9100FF

 FEFDFD

 FFFFFFFF

# Harmonies

## Analogous

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



3D9BFF



C77DFE



FF5EC5

# Triad

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



C77DFF



DA8D00



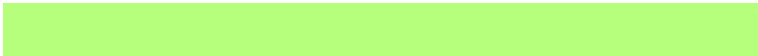
00BCBC

# Complementary

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



C77DFF



B5FF7D

# 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.



00BA76



C77DFF



A0A400

# Square

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



C77DFE



FF6F43



51B332



00BAF9

# Rectangle

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



C77DFE



FF5698



51B332



00BCA5



# Sweetspot

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



C77DFF



EFD9FF



7DB5FF



766980



000000



808080



# Same Dimension

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



C77DFE



BC63FF



FF7DF6



7A7380



6D00BF



240040



# Inverse Universe

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



FF7DB5



FF63A6



7DFF86



807378



BF0052

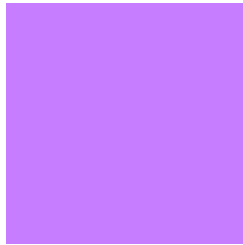


40001B



# Previews

## White Background



This preview shows how the Hex color C77DFF looks on a white background.

## Color Contrast Check

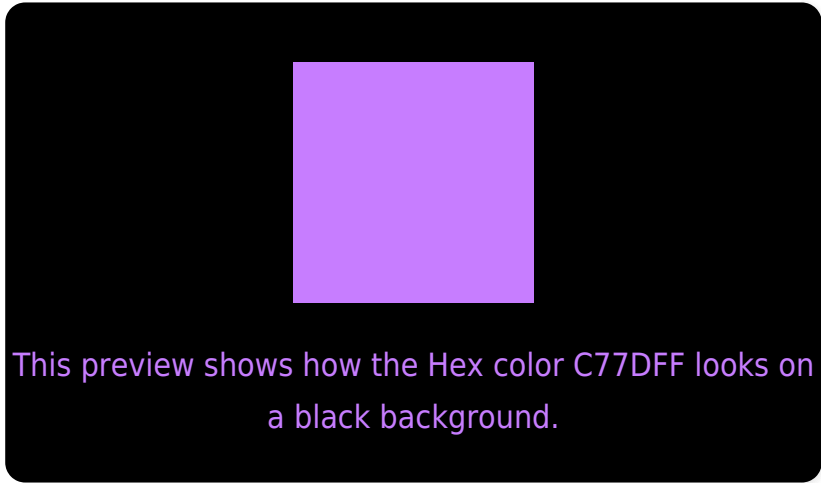
Large Text (above 18pt) WCAG AA × Fail

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

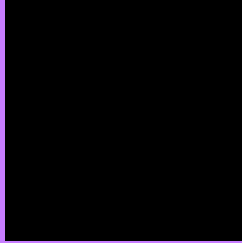
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C77DFF Background



This preview shows how black text looks on a background with the Hex color C77DFF.



This preview shows how white text looks on a background with the Hex color C77DFF.

# 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](#).

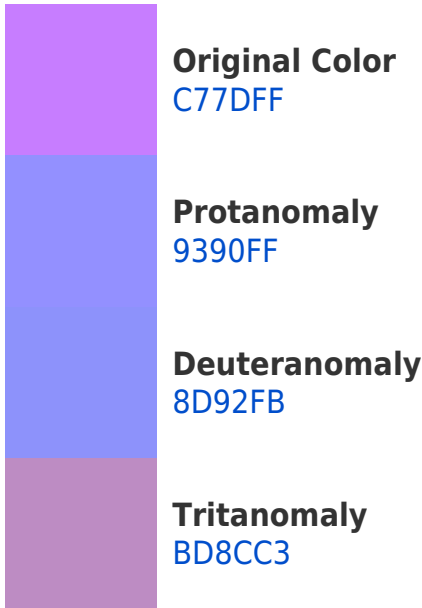
## Dichromacy



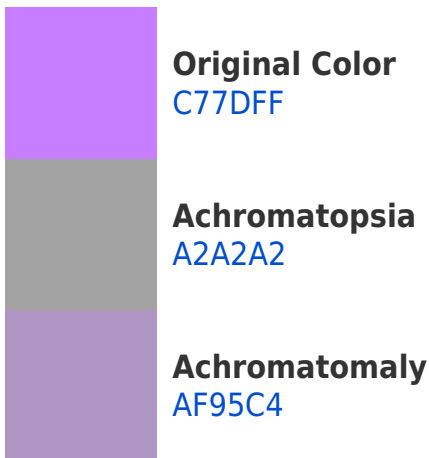


**Tritanopia**  
B794A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C77DFF 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 #C77DFF looks like.

```
.text, #text, p{  
    color:#C77DFF  
}
```

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 #C77DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77DFF
}
```

## Border

The CSS property to change the border of an element to Hex C77DFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

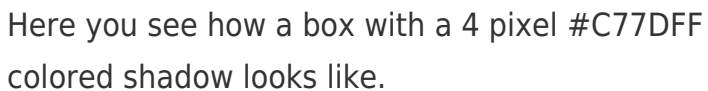
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C77DFF }
```

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

```
.border{ border-color:#C77DFF }
```

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



Here you see how a box with a 4 pixel `#C77DFF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77DFF; -webkit-box-shadow:4px 4px  
4px 4px #C77DFF; box-shadow:4px 4px 4px  
4px #C77DFF }
```

# Background

The CSS property to change the background color of an element to Hex C77DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77DFF }
```

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

```
.background{ background-color:#C77DFF }
```

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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