

# Converting Colors

Hex(CC7EFB)

Have a look what the booklet for  
Hex(CC7EFB) contains.

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# Color

Hex(CC7EFB)

# Conversions

## Conversions Part 1

Format	Color
Hex	CC7EFB
RGB	204, 126, 251
RGB Percent	80%, 49%, 98%
CMY	0.2000, 0.5059, 0.0157
CMYK	0.19, 0.50, 0.00, 0.02
HSL	277°, 94%, 74%
HSV	277°, 50%, 98%
XYZ	49.7753, 34.7241, 95.3458
YIQ	163.5720, 6.3630, 55.4110

# Conversions

## Conversions Part 2

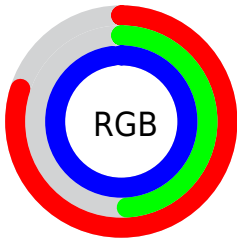
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 126, 251</a>
Decimal	<a href="#">13401851</a>
CIELab	<a href="#">65.53, 51.59, -50.77</a>
CIELCh	<a href="#">66, 72.376, 315.458</a>
Yxy	<a href="#">34.7241, 0.2768, 0.1931</a>
Android (android.graphics.Color)	<a href="#">4291591931 (0xFFCC7EFB)</a>
YUV	<a href="#">163.5720, 43.1020, 35.4554</a>
Hunter-Lab	<a href="#">58.9272, 47.6549, -54.6838</a>

# Details

The Hex color **CC7EFB** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **ADFB7E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB5FF**, and **9349C2** is the 20% darker color. If you saturate the color by 10%, you get **C365FB**, and if you desaturate by 10%, it is **D597FB**.

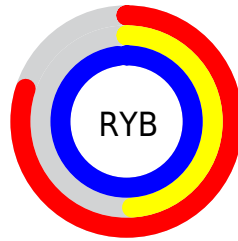
# Distribution



Red (80%)

Green (49%)

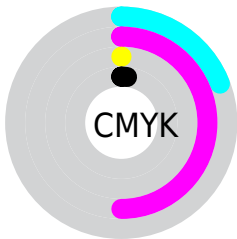
Blue (98%)



Red (80%)

Yellow (49%)

Blue (98%)

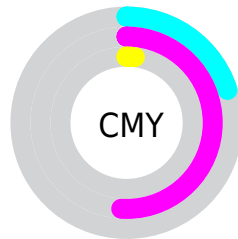


Cyan (19%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (51%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7EFB 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 CC7EFB by changing the saturation by 10% instead.



 CC7EFB

 CC7EFB

FFFFFF

 AF64DE

 FFB5FF

 9349C2

 FFD1FF

 772FA6

 FFE EFF

 5C128B

 410071

 250058

 050040

 000329

 000113

 CC7EFB

 CC7EFB

 C365FB

 D597FB

 B94CFB

 DFB0FB

 B033FB

 E8C9FB

 A61AFB

 F2E2FB

 9D00FB

 FBF0FB

 FFF0FB

# Harmonies

## Analogous

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



559BFF



CC7EFB



FF62C2

# Triad

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



CC7EFB



D89103



00BDC0

# Complementary

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



CC7EFB



ADFB7E

# 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.



00BB7C



CC7EFB



9FA600

# Square

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



CC7EFB



FF7444



51B43C



00BAFB

# Rectangle

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



CC7EFB



FF5B96



51B43C



00BDAA



# Sweetspot

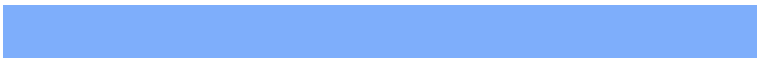
The Sweet Spot groups the original color and five complimentary colors.



CC7EFB



F1D9FF



7EAEFB



776980



000000



808080



# Same Dimension

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



CC7EFB



C566FF



FB7EEC



78707D



7600BD



26003D



# Inverse Universe

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



FB7EAD



FF66A0



7EFB8D



7D7075



BD0047

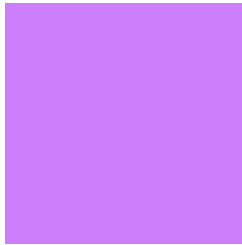


3D0017



# Previews

## White Background



This preview shows how the Hex color CC7EFB looks on a white background.

## Color Contrast Check

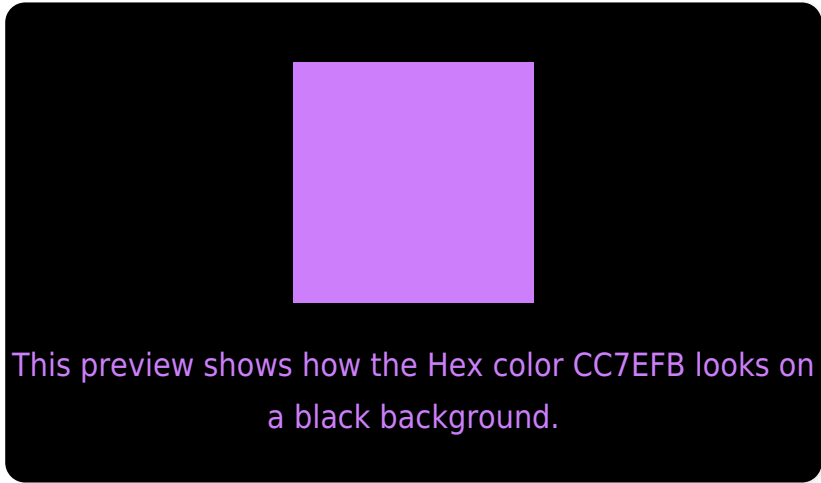
Large Text (above 18pt) WCAG AA × Fail

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

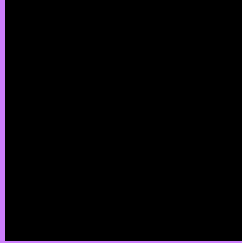
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC7EFB Background



This preview shows how black text looks on a background with the Hex color CC7EFB.

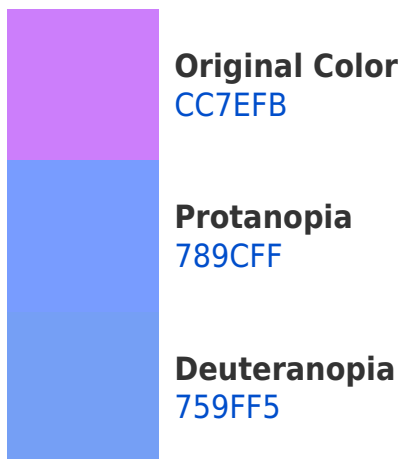


This preview shows how white text looks on a background with the Hex color CC7EFB.

# 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](#).

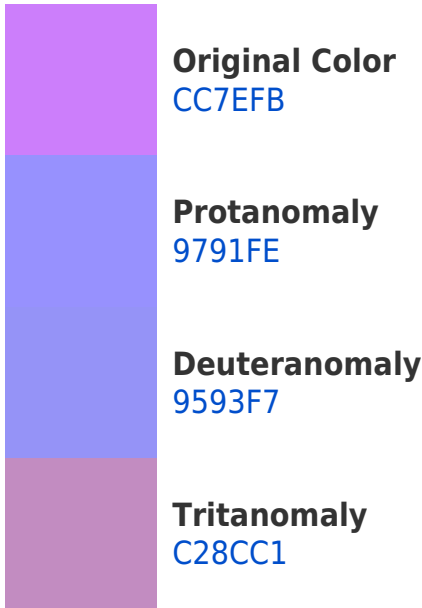
## Dichromacy



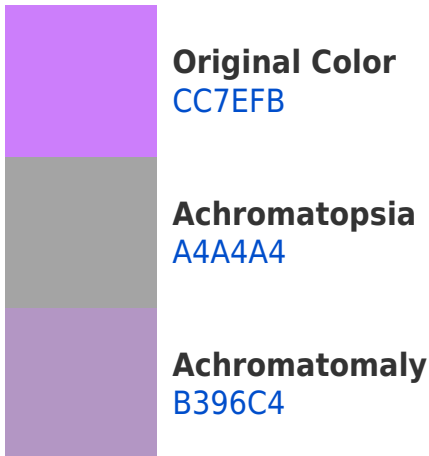


**Tritanopia**  
BD94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7EFB 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 #CC7EFB looks like.

```
.text, #text, p{  
    color:#CC7EFB  
}
```

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 #CC7EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7EFB
}
```

## Border

The CSS property to change the border of an element to Hex CC7EFB 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".

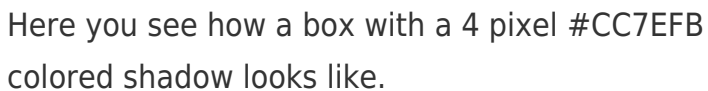
```
.border, #border, table{ border:4px solid
#CC7EFB }
```

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

```
.border{ border-color:#CC7EFB }
```

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

Here you see how a box with a 4 pixel #CC7EFB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7EFB; -webkit-box-shadow:4px 4px  
4px 4px #CC7EFB; box-shadow:4px 4px 4px  
4px #CC7EFB }
```

# Background

The CSS property to change the background color of an element to Hex CC7EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7EFB }
```

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

```
.background{ background-color:#CC7EFB }
```

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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