

# Converting Colors

Hex(C0B8F7)

Have a look what the booklet for  
Hex(C0B8F7) contains.

<b>Hex(C0B8F7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C0B8F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0B8F7
RGB	192, 184, 247
RGB Percent	75%, 72%, 97%
CMY	0.2471, 0.2784, 0.0314
CMYK	0.22, 0.26, 0.00, 0.03
HSL	248°, 80%, 85%
HSV	248°, 26%, 97%
XYZ	55.6672, 52.2028, 95.1379
YIQ	193.5740, -15.4550, 21.2890

# Conversions

## Conversions Part 2

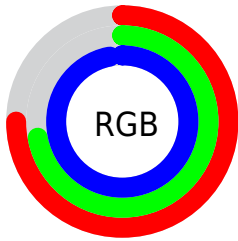
Format	Color
<a href="#">RYB</a>	<a href="#">192, 184, 247</a>
Decimal	<a href="#">12630263</a>
CIELab	<a href="#">77.40, 15.74, -30.16</a>
CIElCh	<a href="#">77, 34.025, 297.555</a>
Yxy	<a href="#">52.2028, 0.2742, 0.2571</a>
Android (android.graphics.Color)	<a href="#">4290820343</a> ( <a href="#">0xFFC0B8F7</a> )
YUV	<a href="#">193.5740, 26.3390, -1.3804</a>
Hunter-Lab	<a href="#">72.2515, 11.0877, -27.4946</a>

# Details

The Hex color **C0B8F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFF7B8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **F9F0FF**, and **8983BE** is the 20% darker color. If you saturate the color by 10%, you get **AA9FF7**, and if you desaturate by 10%, it is **D6D1F7**.

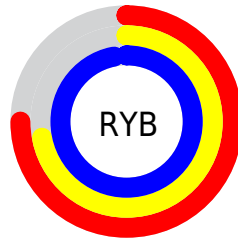
# Distribution



Red (75%)

Green (72%)

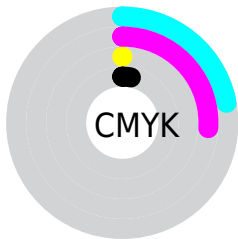
Blue (97%)



Red (75%)

Yellow (72%)

Blue (97%)

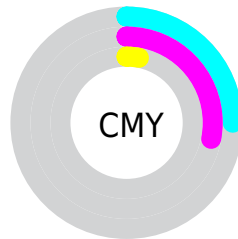


Cyan (22%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (28%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0B8F7 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 C0B8F7 by changing the saturation by 10% instead.



 C0B8F7

FFFFFF

 F9F0FF

 C0B8F7

 A49DDA

 8983BE

 6F6AA3

 565289

 3D3B6F

 242556

 09113F

 000029

 000112

 C0B8F7

 C0B8F7

 AA9FF7

 D6D1F7

 9587F7

 EBE9F7

 7F6EF7

 FFFFF7

 6A55F7

 543DF7

 3F24F7

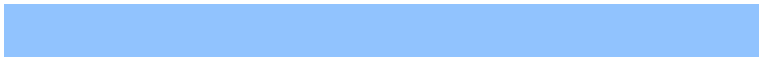
 290BF7

 1F00F7

# Harmonies

## Analogous

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



91C3FE



C0B8F7



E5AEE1

# Triad

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



C0B8F7



F1B28B



6ED0BB

# Complementary

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



C0B8F7



EFF7B8

# 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.



92CD9C



C0B8F7



D8BC80

# Square

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



C0B8F7



FDAAA4



B7C687



57D0DB

# Rectangle

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



C0B8F7



F5A9CE



B7C687



79D0B1



# Sweetspot

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



C0B8F7



EDEBFF



B8F0F7



747380



000000



808080



# Same Dimension

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



C0B8F7



BAB0FF



DFB8F7



706E7A



1800BA



07003B



# Inverse Universe

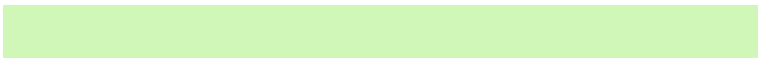
The Inverse Universe completely reimagines the original color for something new.



F7B8EF



FFB0F5



D0F7B8



7A6E79



BA00A3

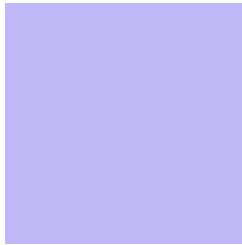


3B0033



# Previews

## White Background



This preview shows how the Hex color C0B8F7 looks on a white background.

## Color Contrast Check

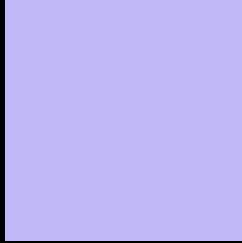
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C0B8F7 looks on a 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 C0B8F7 Background



This preview shows how black text looks on a background with the Hex color C0B8F7.



This preview shows how white text looks on a background with the Hex color C0B8F7.

# 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



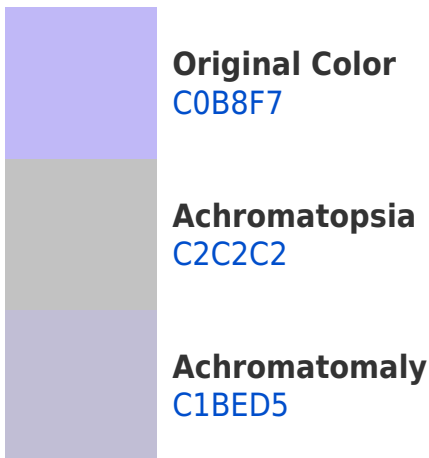


**Tritanopia**  
B8BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0B8F7 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 #C0B8F7 looks like.

```
.text, #text, p{  
    color:#C0B8F7  
}
```

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 #C0B8F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B8F7
}
```

## Border

The CSS property to change the border of an element to Hex C0B8F7 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
#C0B8F7 }
```

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

```
.border{ border-color:#C0B8F7 }
```

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

Here you see how a box with a 4 pixel #C0B8F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B8F7; -webkit-box-shadow:4px 4px  
4px 4px #C0B8F7; box-shadow:4px 4px 4px  
4px #C0B8F7 }
```

# Background

The CSS property to change the background color of an element to Hex C0B8F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B8F7 }
```

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

```
.background{ background-color:#C0B8F7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor