

# Converting Colors

Hex(C0B5FD)

Have a look what the booklet for  
Hex(C0B5FD) contains.

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# **Color**

**Hex(C0B5FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0B5FD
RGB	192, 181, 253
RGB Percent	75%, 71%, 99%
CMY	0.2471, 0.2902, 0.0078
CMYK	0.24, 0.28, 0.00, 0.01
HSL	249°, 95%, 85%
HSV	249°, 28%, 99%
XYZ	55.9917, 51.3461, 99.8882
YIQ	192.4970, -16.5560, 24.7240

# Conversions

## Conversions Part 2

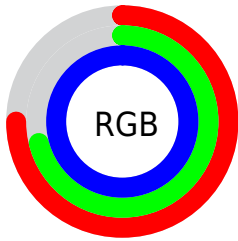
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 181, 253</a>
Decimal	<a href="#">12629501</a>
CIELab	<a href="#">76.89, 18.77, -34.18</a>
CIELCh	<a href="#">77, 38.994, 298.767</a>
Yxy	<a href="#">51.3461, 0.2702, 0.2478</a>
Android (android.graphics.Color)	<a href="#">4290819581 (0xFFC0B5FD)</a>
YUV	<a href="#">192.4970, 29.8280, -0.4359</a>
Hunter-Lab	<a href="#">71.6562, 14.0806, -32.4905</a>

# Details

The Hex color **C0B5FD** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2FDB5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F9EDFF**, and **8980C4** is the 20% darker color. If you saturate the color by 10%, you get **AB9CFD**, and if you desaturate by 10%, it is **D5CEFD**.

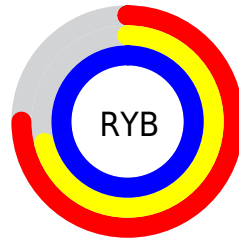
# Distribution



Red (75%)

Green (71%)

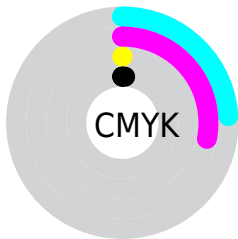
Blue (99%)



Red (75%)

Yellow (71%)

Blue (99%)

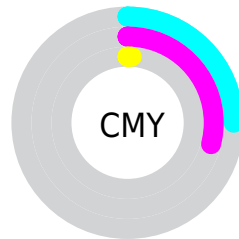


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (29%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0B5FD 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 C0B5FD by changing the saturation by 10% instead.



 C0B5FD

 C0B5FD

FFFFFF

 A49AE0

 F9EDFF

 8980C4

 6F67A9

 554F8E

 3C3874

 22235B

 040F43

 00002D

 000117

 C0B5FD

 C0B5FD

 AB9CFD

 D5CEFD

 9582FD

 EBE8FD

 8069FD

FFFFFFD

 6A50FD

 5537FD

 3F1DFD

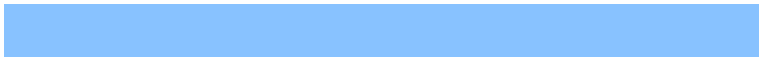
 2A04FD

 2700FD

# Harmonies

## Analogous

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



88C2FF



C0B5FD



EAA9E4

# Triad

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



C0B5FD



F4AF81



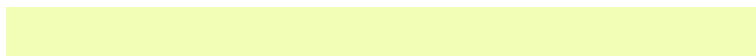
59D1BB

# Complementary

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



C0B5FD



F2FDB5

# 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.



87CE97



C0B5FD



D7BB75

# Square

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



C0B5FD



FFA59D



B2C67D



32D0DF

# Rectangle

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



C0B5FD



FCA3CD



B2C67D



69D0AF



# Sweetspot

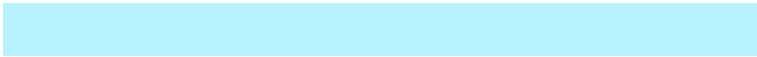
The Sweet Spot groups the original color and five complimentary colors.



C0B5FD



ECE8FF



B5F2FD



747180



000000



808080



# Same Dimension

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



C0B5FD



B6A8FF



E4B5FD



757380



1D00BF



0A0040



# Inverse Universe

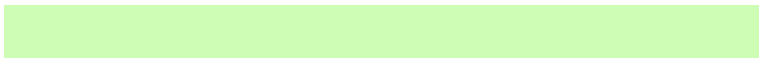
The Inverse Universe completely reimagines the original color for something new.



FDB5F2



FFA8F2



CEFDB5



80737E



BF00A2

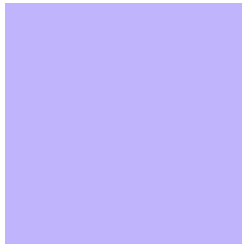


400036



# Previews

## White Background



This preview shows how the Hex color C0B5FD looks on a white background.

## Color Contrast Check

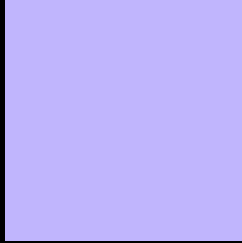
Large Text (above 18pt) WCAG AA × Fail

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 C0B5FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

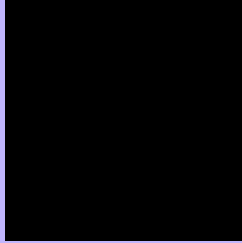
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0B5FD Background



This preview shows how black text looks on a background with the Hex color C0B5FD.



This preview shows how white text looks on a background with the Hex color C0B5FD.

# 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](#).

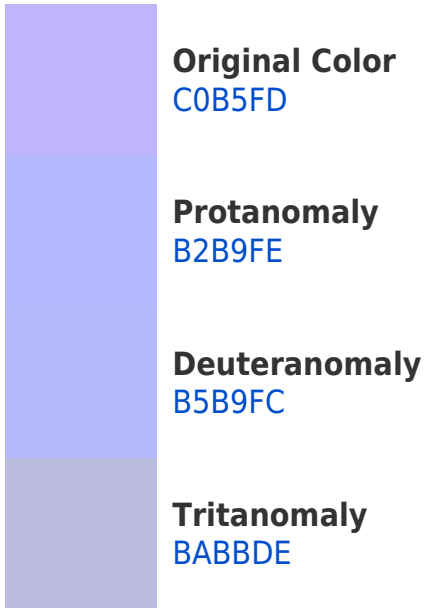
## Dichromacy



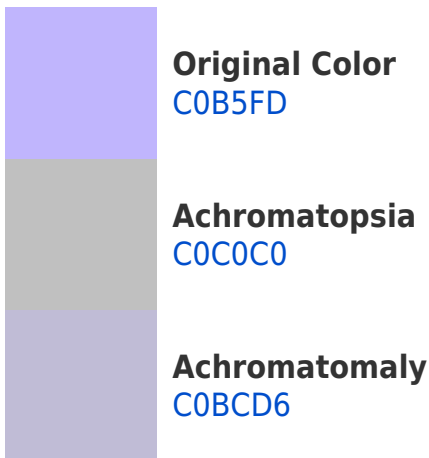


**Tritanopia**  
B7BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0B5FD 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 #C0B5FD looks like.

```
.text, #text, p{  
    color:#C0B5FD  
}
```

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 #C0B5FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B5FD
}
```

## Border

The CSS property to change the border of an element to Hex C0B5FD 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
#C0B5FD }
```

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

```
.border{ border-color:#C0B5FD }
```

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

Here you see how a box with a 4 pixel #C0B5FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B5FD; -webkit-box-shadow:4px 4px  
4px 4px #C0B5FD; box-shadow:4px 4px 4px  
4px #C0B5FD }
```

# Background

The CSS property to change the background color of an element to Hex C0B5FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B5FD }
```

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

```
.background{ background-color:#C0B5FD }
```

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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