

# Converting Colors

Hex(C0B3F5)

Have a look what the booklet for  
Hex(C0B3F5) contains.

<b>Hex(C0B3F5)</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(C0B3F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0B3F5
RGB	192, 179, 245
RGB Percent	75%, 70%, 96%
CMY	0.2471, 0.2980, 0.0392
CMYK	0.22, 0.27, 0.00, 0.04
HSL	252°, 77%, 83%
HSV	252°, 27%, 96%
XYZ	54.3398, 50.0392, 93.1807
YIQ	190.4110, -13.4380, 23.2820

# Conversions

## Conversions Part 2

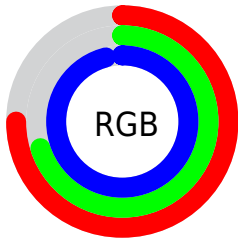
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 179, 245
Decimal	12628981
CIE <sub>Lab</sub>	76.09, 18.03, -31.10
CIE <sub>LCh</sub>	76, 35.949, 300.100
Yxy	50.0392, 0.2751, 0.2533
Android (android.graphics.Color)	4290819061 (0xFFC0B3F5)
YUV	190.4110, 26.9124, 1.3936
Hunter-Lab	70.7384, 13.3277, -28.5833

# Details

The Hex color **C0B3F5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8F5B3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F9EBFF**, and **897EBD** is the 20% darker color. If you saturate the color by 10%, you get **AC9BF5**, and if you desaturate by 10%, it is **D4CBF5**.

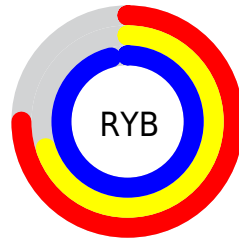
# Distribution



Red (75%)

Green (70%)

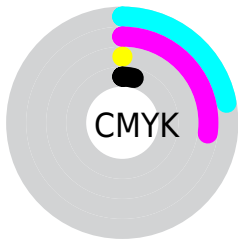
Blue (96%)



Red (75%)

Yellow (70%)

Blue (96%)

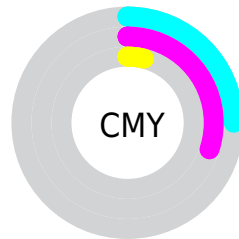


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (30%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0B3F5 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 C0B3F5 by changing the saturation by 10% instead.



 C0B3F5

 C0B3F5

FFFFFF

 A498D8

 F9EBFF

 897EBD

 6F65A1

 564D87

 3D366D

 242155

 0A0C3D

 000227

 000110

 C0B3F5

 C0B3F5

 AC9BF5


 D4CBF5

 9982F5

 E7E4F5

 856AF5

 FBFCF5

 7151F5

 FFFFF5

 5E38F5

 4A20F5

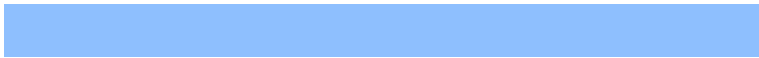
 3607F5

 3000F5

# Harmonies

## Analogous

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



8EBFFE



C0B3F5



E6A8DD

# Triad

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



C0B3F5



EDAE83



60CEBB

# Complementary

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



C0B3F5



E8F5B3

# 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.



88CA99



C0B3F5



D2BA79

# Square

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



C0B3F5



FCA59C



AFC481



47CDDC

# Rectangle

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



C0B3F5



F6A3C8



AFC481



6DCDAF



# Sweetspot

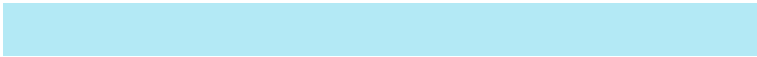
The Sweet Spot groups the original color and five complimentary colors.



C0B3F5



EFE9FF



B3E9F5



757380



000000



808080



# Same Dimension

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



C0B3F5



BDADFF



E0B3F5



716E7A



2500BA



0C003B



# Inverse Universe

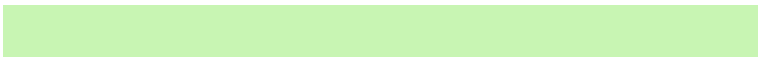
The Inverse Universe completely reimagines the original color for something new.



F5B3E8



FFADEF



C8F5B3



7A6E78



BA0095

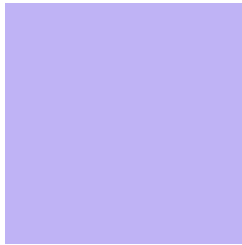


3B002F



# Previews

## White Background



This preview shows how the Hex color C0B3F5 looks on a white background.

## Color Contrast Check

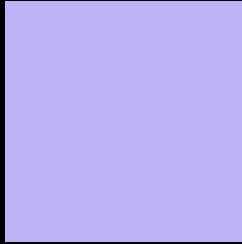
Large Text (above 18pt) WCAG AA × Fail

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 C0B3F5 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 C0B3F5 Background



This preview shows how black text looks on a background with the Hex color C0B3F5.

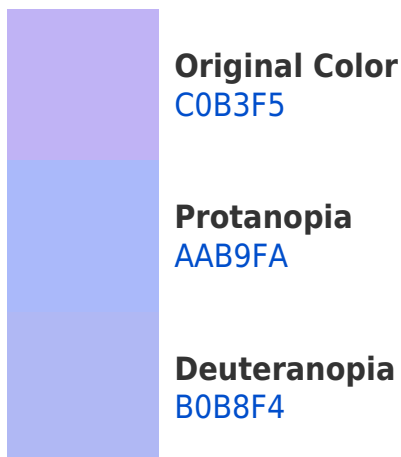


This preview shows how white text looks on a background with the Hex color C0B3F5.

# 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](#).

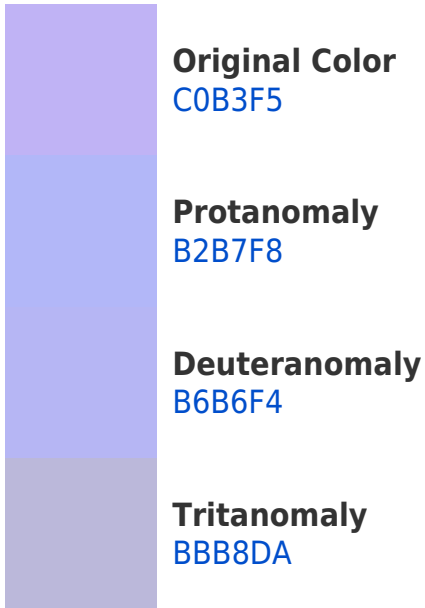
## Dichromacy



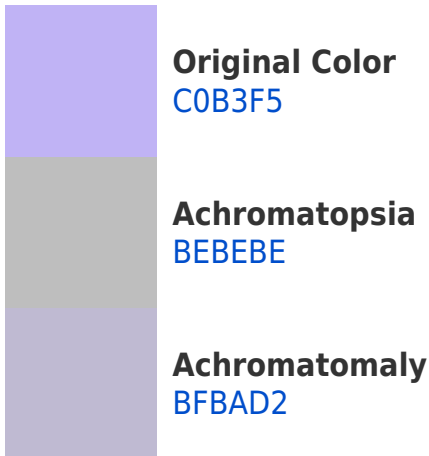


**Tritanopia**  
B8BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0B3F5 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 #C0B3F5 looks like.

```
.text, #text, p{  
    color:#C0B3F5  
}
```

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 #C0B3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0B3F5
}
```

## Border

The CSS property to change the border of an element to Hex C0B3F5 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
#C0B3F5 }
```

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

```
.border{ border-color:#C0B3F5 }
```

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

Here you see how a box with a 4 pixel #C0B3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0B3F5; -webkit-box-shadow:4px 4px  
4px 4px #C0B3F5; box-shadow:4px 4px 4px  
4px #C0B3F5 }
```

# Background

The CSS property to change the background color of an element to Hex C0B3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0B3F5 }
```

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

```
.background{ background-color:#C0B3F5 }
```

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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