

Converting Colors

Hex(C3B0F9)

Have a look what the booklet for
Hex(C3B0F9) contains.

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Color

Hex(C3B0F9)

Conversions

Conversions Part 1

Format	Color
Hex	C3B0F9
RGB	195, 176, 249
RGB Percent	76%, 69%, 98%
CMY	0.2353, 0.3098, 0.0235
CMYK	0.22, 0.29, 0.00, 0.02
HSL	256°, 86%, 83%
HSV	256°, 29%, 98%
XYZ	55.1299, 49.4923, 96.2698
YIQ	190.0030, -12.1090, 26.7310

Conversions

Conversions Part 2

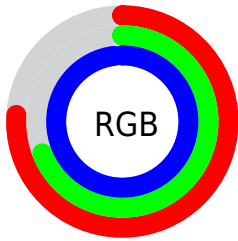
Format	Color
RYB	195, 176, 249
Decimal	12824825
CIELab	75.76, 21.48, -33.76
CIELCh	76, 40.013, 302.471
Yxy	49.4923, 0.2744, 0.2464
Android (android.graphics.Color)	4291014905 (0xFFC3B0F9)
YUV	190.0030, 29.0855, 4.3824
Hunter-Lab	70.3508, 16.7664, -31.8884

Details

The Hex color **C3B0F9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E6F9B0**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FCE8FF**, and **8C7BC0** is the 20% darker color. If you saturate the color by 10%, you get **B197F9**, and if you desaturate by 10%, it is **D5C9F9**.

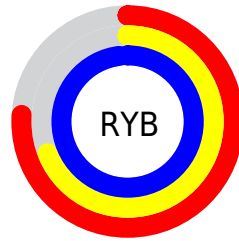
Distribution



Red (76%)

Green (69%)

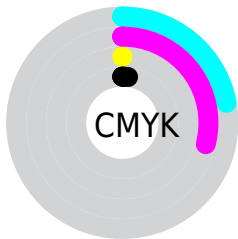
Blue (98%)



Red (76%)

Yellow (69%)

Blue (98%)

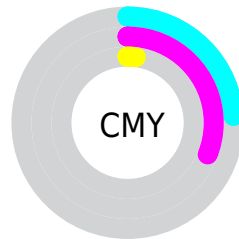


Cyan (22%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3B0F9 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 C3B0F9 by changing the saturation by 10% instead.

 C3B0F9

FFFFFF

 FCE8FF

 C3B0F9

 A795DC

 8C7BC0

 7262A5

 584A8A

 3F3471

 261E58

 0B0940

 00002A

 000114

 C3B0F9

 C3B0F9

 B197F9

 D5C9F9

 9E7EF9

 E8E2F9

 8C65F9

 FAFBF9

 794CF9

 FFFFF9

 6734F9

 541BF9

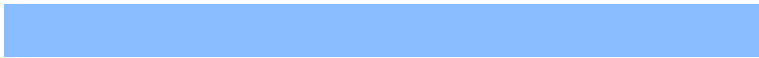
 4202F9

 4100F9

Harmonies

Analogous

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



8ABDFE



C3B0F9



ECA4DD

Triad

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



C3B0F9



EFAD7A



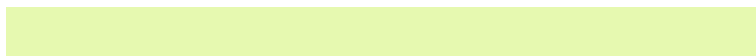
4ACEBD

Complementary

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



C3B0F9



E6F9B0

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.



7DCB97



C3B0F9



D0B970

Square

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



C3B0F9



FFA295



A9C47B



1DCDE1

Rectangle

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



C3B0F9



FC9FC6



A9C47B



5CCEB0

Sweetspot

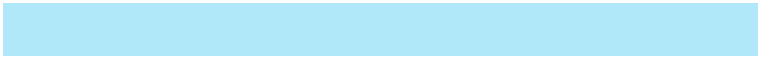
The Sweet Spot groups the original color and five complimentary colors.



C3B0F9



EEE8FF



B0E7F9



757180



000000



808080

Same Dimension

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



C3B0F9



BDA6FF



E7B0F9



74707D



3100BD



10003D

Inverse Universe

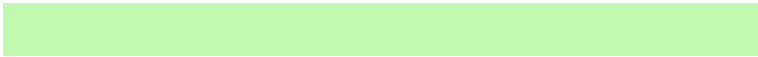
The Inverse Universe completely reimagines the original color for something new.



F9B0E6



FFA6E8



C2F9B0



7D707A



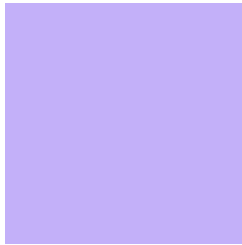
BD008C



3D002D

Previews

White Background



This preview shows how the Hex color C3B0F9 looks on a white background.

Color Contrast Check

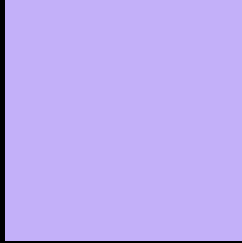
Large Text (above 18pt) WCAG AA × Fail

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 C3B0F9 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 C3B0F9 Background



This preview shows how black text looks on a background with the Hex color C3B0F9.

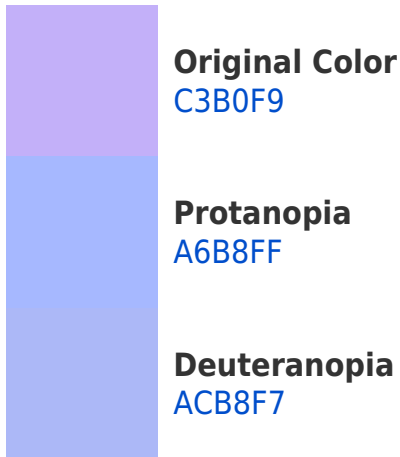


This preview shows how white text looks on a background with the Hex color C3B0F9.

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](#).

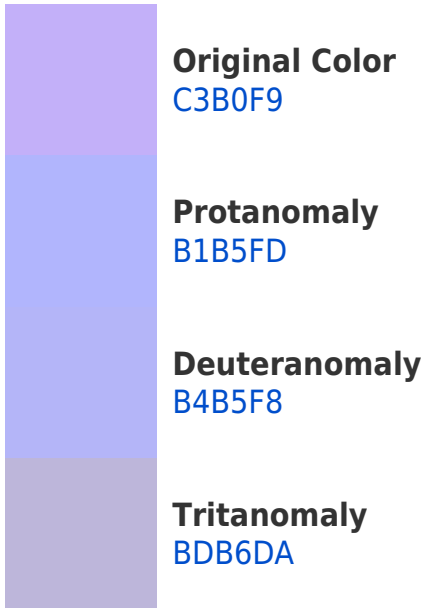
Dichromacy



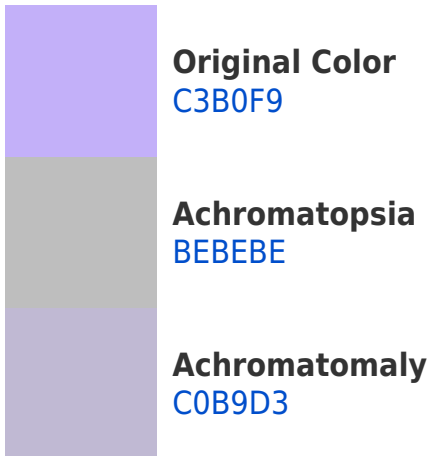


Tritanopia
BAB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3B0F9 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 #C3B0F9 looks like.

```
.text, #text, p{  
    color:#C3B0F9  
}
```

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 #C3B0F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B0F9
}
```

Border

The CSS property to change the border of an element to Hex C3B0F9 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
#C3B0F9 }
```

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

```
.border{ border-color:#C3B0F9 }
```

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

Here you see how a box with a 4 pixel #C3B0F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B0F9; -webkit-box-shadow:4px 4px  
4px 4px #C3B0F9; box-shadow:4px 4px 4px  
4px #C3B0F9 }
```

Background

The CSS property to change the background color of an element to Hex C3B0F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B0F9 }
```

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

```
.background{ background-color:#C3B0F9 }
```

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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