

# Converting Colors

Hex(C3B9F1)

Have a look what the booklet for  
Hex(C3B9F1) contains.

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# **Color**

**Hex(C3B9F1)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C3B9F1                      |
| RGB         | 195, 185, 241               |
| RGB Percent | 76%, 73%, 95%               |
| CMY         | 0.2353, 0.2745, 0.0549      |
| CMYK        | 0.19, 0.23, 0.00, 0.05      |
| HSL         | 251°, 67%, 84%              |
| HSV         | 251°, 23%, 95%              |
| XYZ         | 55.7318, 52.6509, 90.4443   |
| YIQ         | 194.3740, -12.0160, 19.5360 |

# Conversions

## Conversions Part 2

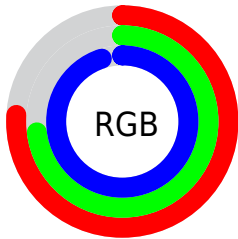
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 195, 185, 241                 |
| Decimal                             | 12827121                      |
| CIE <sub>Lab</sub>                  | 77.67, 14.75, -26.51          |
| CIE <sub>LCh</sub>                  | 78, 30.337, 299.098           |
| Yxy                                 | 52.6509, 0.2803,<br>0.2648    |
| Android<br>(android.graphics.Color) | 4291017201<br>(0xFFC3B9F1)    |
| YUV                                 | 194.3740, 22.9866,<br>0.5490  |
| Hunter-Lab                          | 72.5609, 10.1187,<br>-23.1100 |

# Details

The Hex color **C3B9F1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7F1B9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FCF1FF**, and **8D84B9** is the 20% darker color. If you saturate the color by 10%, you get **AFA1F1**, and if you desaturate by 10%, it is **D7D1F1**.

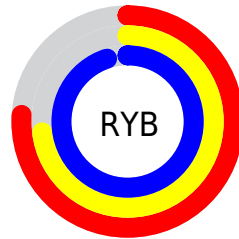
# Distribution



Red (76%)

Green (73%)

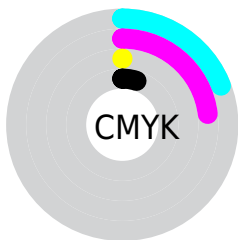
Blue (95%)



Red (76%)

Yellow (73%)

Blue (95%)

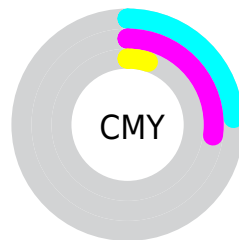


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (27%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3B9F1 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 C3B9F1 by changing the saturation by 10% instead.



 C3B9F1

FFFFFF

 FCF1FF

 C3B9F1

 A79ED5


 8D84B9

 736B9E

 595383

 413B6A

 292652

 11123A

 000025

 00010D

 C3B9F1

 C3B9F1

 AFA1F1

 D7D1F1

 9B89F1

 EBE9F1

 8871F1

 FEFFF1

 7459F1

 FFFFF1

 6040F1

 4C28F1

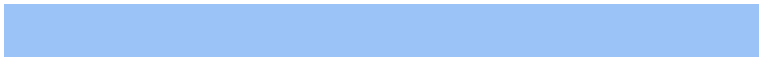
 3810F1

 2B00F1

# Harmonies

## Analogous

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



9BC3F8



C3B9F1



E3B0DD

# Triad

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



C3B9F1



ECB491



79D0BE

# Complementary

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



C3B9F1



E7F1B9

# 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.



97CDA2



C3B9F1



D5BE88

# Square

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



C3B9F1



F8ADA6



B7C68E



69CFDA

# Rectangle

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



C3B9F1



F1ACCB



B7C68E



82CFB4



# Sweetspot

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



C3B9F1



F0EDFF



B9E8F1



777580



000000



808080



# Same Dimension

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



C3B9F1



C4B8FF



DEB9F1



6E6C78



2100B8



0A0038



# Inverse Universe

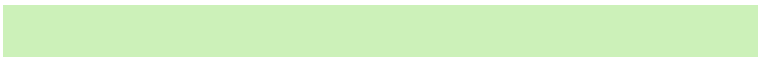
The Inverse Universe completely reimagines the original color for something new.



F1B9E7



FFB8F2



CCF1B9



786C76



B80097

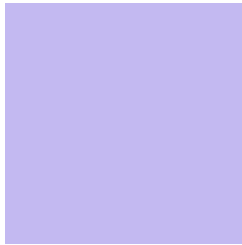


38002E



# Previews

## White Background



This preview shows how the Hex color C3B9F1 looks on a white background.

## Color Contrast Check

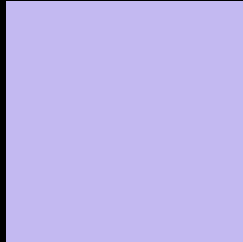
Large Text (above 18pt) WCAG AA × Fail

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 C3B9F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

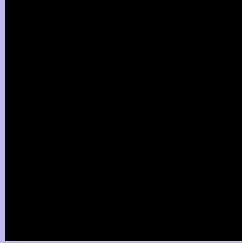
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3B9F1 Background



This preview shows how black text looks on a background with the Hex color C3B9F1.



This preview shows how white text looks on a background with the Hex color C3B9F1.

# 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

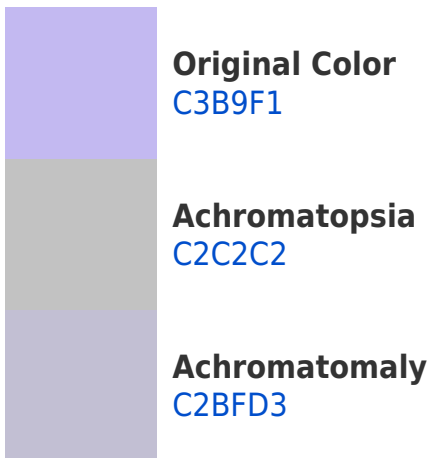




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3B9F1 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 #C3B9F1 looks like.

```
.text, #text, p{  
    color:#C3B9F1  
}
```

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 #C3B9F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B9F1
}
```

## Border

The CSS property to change the border of an element to Hex C3B9F1 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
#C3B9F1 }
```

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

```
.border{ border-color:#C3B9F1 }
```

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

Here you see how a box with a 4 pixel #C3B9F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B9F1; -webkit-box-shadow:4px 4px  
4px 4px #C3B9F1; box-shadow:4px 4px 4px  
4px #C3B9F1 }
```

# Background

The CSS property to change the background color of an element to Hex C3B9F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B9F1 }
```

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

```
.background{ background-color:#C3B9F1 }
```

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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