

# Converting Colors

Hex(C3B6FA)

Have a look what the booklet for  
Hex(C3B6FA) contains.

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# **Color**

**Hex(C3B6FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B6FA
RGB	195, 182, 250
RGB Percent	76%, 71%, 98%
CMY	0.2353, 0.2863, 0.0196
CMYK	0.22, 0.27, 0.00, 0.02
HSL	251°, 87%, 85%
HSV	251°, 27%, 98%
XYZ	56.4889, 51.9601, 97.4945
YIQ	193.6390, -14.0800, 23.9040

# Conversions

## Conversions Part 2

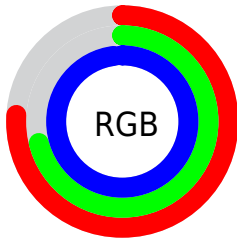
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 182, 250
Decimal	12826362
CIE <sub>Lab</sub>	77.26, 18.41, -31.98
CIE <sub>LCh</sub>	77, 36.903, 299.931
Yxy	51.9601, 0.2743, 0.2523
Android (android.graphics.Color)	4291016442 (0xFFC3B6FA)
YUV	193.6390, 27.7860, 1.1936
Hunter-Lab	72.0834, 13.7376, -29.7328

# Details

The Hex color **C3B6FA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDFAB6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FCEEFF**, and **8C81C1** is the 20% darker color. If you saturate the color by 10%, you get **AF9DFA**, and if you desaturate by 10%, it is **D7CFFA**.

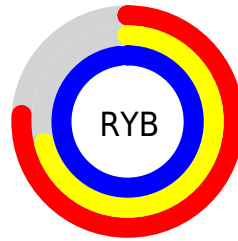
# Distribution



Red (76%)

Green (71%)

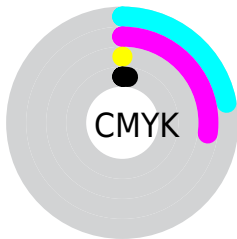
Blue (98%)



Red (76%)

Yellow (71%)

Blue (98%)

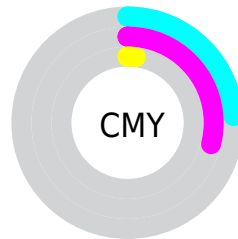


Cyan (22%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (29%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3B6FA 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 C3B6FA by changing the saturation by 10% instead.



 C3B6FA

FFFFFF

 FCEEFF

 C3B6FA

 A79BDD

 8C81C1

 7268A6

 58508B

 3F3972

 262359

 0B0F41

 00002B

 000115

 C3B6FA

 C3B6FA

 AF9DFA

 D7CFFA

 9B84FA

 EBE8FA

 866BFA

 FFFFFA

 7252FA

 5E39FA

 4A20FA

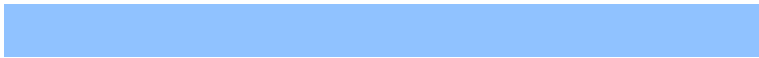
 3507FA

 3000FA

# Harmonies

## Analogous

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



90C2FF



C3B6FA



EAABE2

# Triad

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



C3B6FA



F2B185



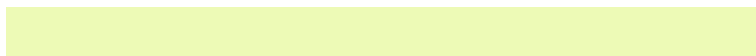
61D1BE

# Complementary

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



C3B6FA



EDFAB6

# 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.



8ACE9B



C3B6FA



D6BD7A

# Square

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



C3B6FA



FFA79E



B2C783



45D0E0

# Rectangle

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



C3B6FA



FAA6CC



B2C783



6ED1B2



# Sweetspot

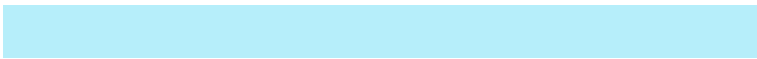
The Sweet Spot groups the original color and five complimentary colors.



C3B6FA



EFE8FF



B6EEFA



757380



000000



808080



# Same Dimension

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



C3B6FA



BBABFF



E4B6FA



73707D



2400BD



0C003D



# Inverse Universe

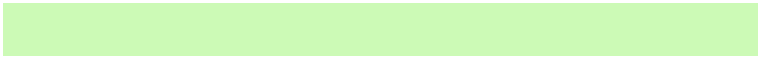
The Inverse Universe completely reimagines the original color for something new.



FAB6ED



FFABEF



CCFAB6



7D707B



BD0099

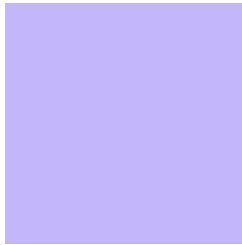


3D0031



# Previews

## White Background



This preview shows how the Hex color C3B6FA looks on a white background.

## Color Contrast Check

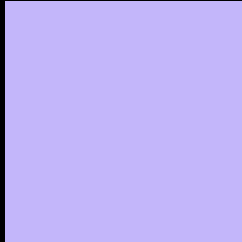
Large Text (above 18pt) WCAG AA × Fail

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 C3B6FA 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 C3B6FA Background



This preview shows how black text looks on a background with the Hex color C3B6FA.



This preview shows how white text looks on a background with the Hex color C3B6FA.

# 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



**Original Color**  
C3B6FA

**Protanomaly**  
B4BAFD

**Deuteranomaly**  
B8BAF9

**Tritanomaly**  
BEBBDD

# Monochromacy



**Original Color**  
C3B6FA

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
C2BED6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3B6FA 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 #C3B6FA looks like.

```
.text, #text, p{  
    color:#C3B6FA  
}
```

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 #C3B6FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B6FA
}
```

## Border

The CSS property to change the border of an element to Hex C3B6FA 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
#C3B6FA }
```

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

```
.border{ border-color:#C3B6FA }
```

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

Here you see how a box with a 4 pixel #C3B6FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B6FA; -webkit-box-shadow:4px 4px  
4px 4px #C3B6FA; box-shadow:4px 4px 4px  
4px #C3B6FA }
```

# Background

The CSS property to change the background color of an element to Hex C3B6FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B6FA }
```

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

```
.background{ background-color:#C3B6FA }
```

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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