

# Converting Colors

Hex(C3BEF3)

Have a look what the booklet for  
Hex(C3BEF3) contains.

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# **Color**

**Hex(C3BEF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BEF3
RGB	195, 190, 243
RGB Percent	76%, 75%, 95%
CMY	0.2353, 0.2549, 0.0471
CMYK	0.20, 0.22, 0.00, 0.05
HSL	246°, 69%, 85%
HSV	246°, 22%, 95%
XYZ	57.0968, 54.9001, 92.3815
YIQ	197.5370, -14.0330, 17.5430

# Conversions

## Conversions Part 2

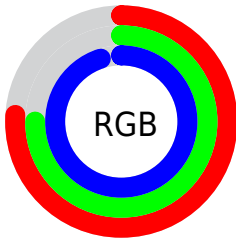
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 190, 243
Decimal	12828403
CIE <sub>Lab</sub>	78.98, 12.47, -25.57
CIE <sub>LCh</sub>	79, 28.453, 296.000
Y <sub>xy</sub>	54.9001, 0.2794, 0.2686
Android (android.graphics.Color)	4291018483 (0xFFC3BEF3)
YUV	197.5370, 22.4133, -2.2249
Hunter-Lab	74.0946, 7.8854, -22.0568

# Details

The Hex color **C3BEF3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEF3BE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FCF6FF**, and **8D89BB** is the 20% darker color. If you saturate the color by 10%, you get **ADA6F3**, and if you desaturate by 10%, it is **D9D6F3**.

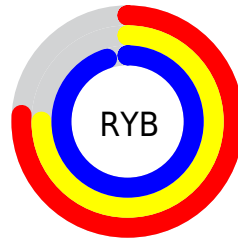
# Distribution



Red (76%)

Green (75%)

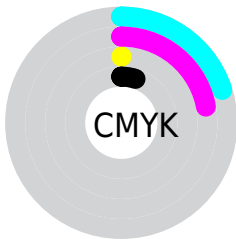
Blue (95%)



Red (76%)

Yellow (75%)

Blue (95%)

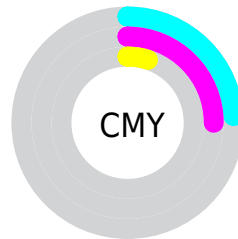


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (25%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3BEF3 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 C3BEF3 by changing the saturation by 10% instead.



 C3BEF3

FFFFFF

 FCF6FF

 C3BEF3

 A7A3D7


 8D89BB

 736FA0

 595785

 41406C

 292A53

 11163C

 000026

 00010F

 C3BEF3

 C3BEF3

 ADA6F3

 D9D6F3

 978DF3

 EFEFF3

 8175F3

 FFFFF3

 6B5DF3

 5544F3

 3F2CF3

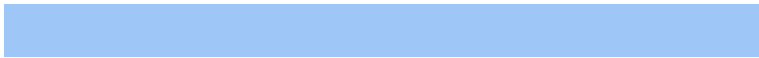
 2914F3

 1700F3

# Harmonies

## Analogous

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



9EC7F8



C3BEF3



E2B5E2

# Triad

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



C3BEF3



EFB899



84D2BF

# Complementary

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



C3BEF3



EEF3BE

# 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.



A0CFA5



C3BEF3



DAC18F

# Square

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



C3BEF3



F9B2AE



BFC994



75D2DA

# Rectangle

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



C3BEF3



F0B2D1



BFC994



8DD2B6



# Sweetspot

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



C3BEF3



EFEDFF



BEEFF3



767580



000000



808080



# Same Dimension

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



C3BEF3



C3BDFF



DDBEF3



6F6E7A



1200BA



06003B



# Inverse Universe

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



F3BEEE



FFBDF9



D4F3BE



7A6E79



BA00A9

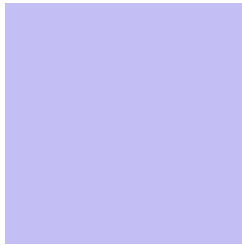


3B0035



# Previews

## White Background



This preview shows how the Hex color C3BEF3 looks on a white background.

## Color Contrast Check

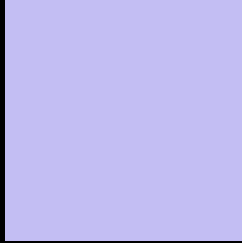
Large Text (above 18pt) WCAG AA × Fail

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 C3BEF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

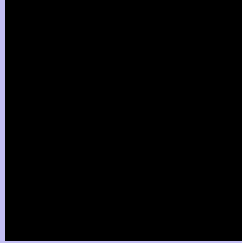
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3BEF3 Background



This preview shows how black text looks on a background with the Hex color C3BEF3.

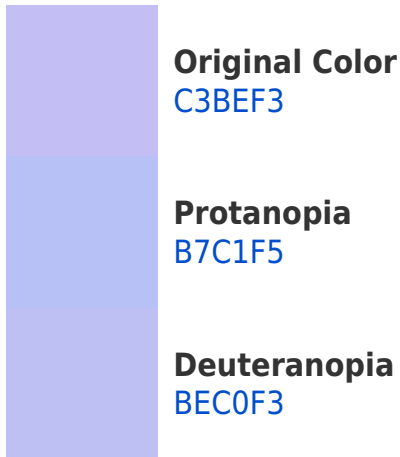


This preview shows how white text looks on a background with the Hex color C3BEF3.

# Color Blindness Simulation

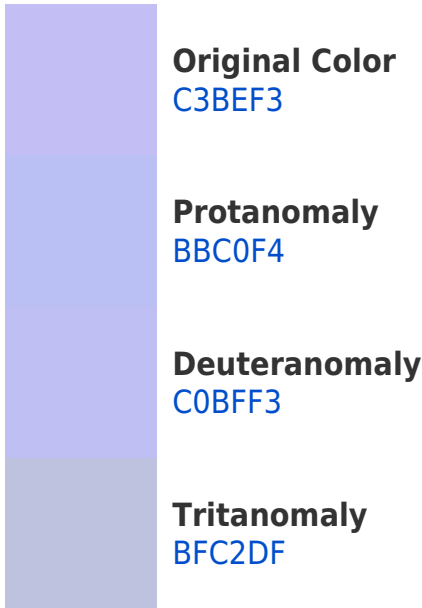
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

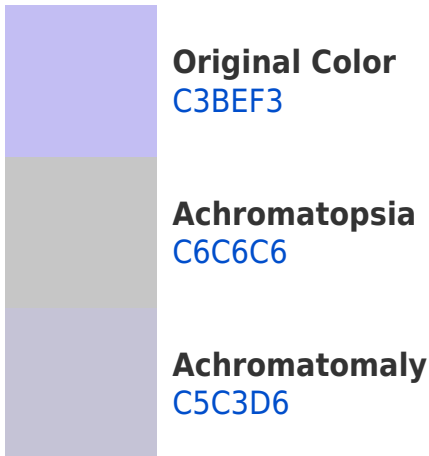




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3BEF3 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 #C3BEF3 looks like.

```
.text, #text, p{  
    color:#C3BEF3  
}
```

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 #C3BEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3BEF3  
}
```

## Border

The CSS property to change the border of an element to Hex C3BEF3 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  
#C3BEF3 }
```

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

```
.border{ border-color:#C3BEF3 }
```

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

Here you see how a box with a 4 pixel #C3BEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3BEF3; -webkit-box-shadow:4px 4px  
4px 4px #C3BEF3; box-shadow:4px 4px 4px  
4px #C3BEF3 }
```

# Background

The CSS property to change the background color of an element to Hex C3BEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3BEF3 }
```

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

```
.background{ background-color:#C3BEF3 }
```

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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