

# Converting Colors

Hex(C4BEF0)

Have a look what the booklet for  
Hex(C4BEF0) contains.

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# **Color**

**Hex(C4BEF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BEF0
RGB	196, 190, 240
RGB Percent	77%, 75%, 94%
CMY	0.2314, 0.2549, 0.0588
CMYK	0.18, 0.21, 0.00, 0.06
HSL	247°, 62%, 84%
HSV	247°, 21%, 94%
XYZ	56.9066, 54.8539, 90.0266
YIQ	197.4940, -12.4740, 16.8220

# Conversions

## Conversions Part 2

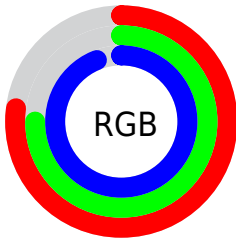
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">196, 190, 240</a>
Decimal	<a href="#">12893936</a>
CIELab	<a href="#">78.96, 12.12, -24.00</a>
CIELCh	<a href="#">79, 26.883, 296.795</a>
Yxy	<a href="#">54.8539, 0.2820, 0.2718</a>
Android (android.graphics.Color)	<a href="#">4291084016 (0xFFC4BEF0)</a>
YUV	<a href="#">197.4940, 20.9555, -1.3102</a>
Hunter-Lab	<a href="#">74.0634, 7.5393, -20.2246</a>

# Details

The Hex color **C4BEF0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAF0BE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FDF6FF**, and **8E89B8** is the 20% darker color. If you saturate the color by 10%, you get **AFA6F0**, and if you desaturate by 10%, it is **D9D6F0**.

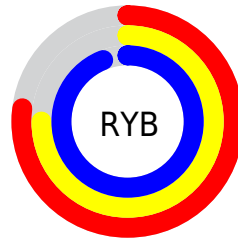
# Distribution



Red (77%)

Green (75%)

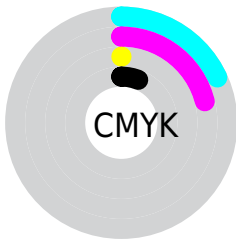
Blue (94%)



Red (77%)

Yellow (75%)

Blue (94%)

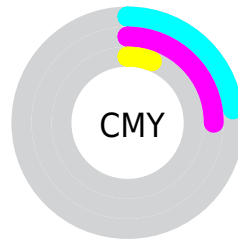


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (25%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BEF0 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 C4BEF0 by changing the saturation by 10% instead.



 C4BEF0

FFFFFF

 FDF6FF

 C4BEF0

 A8A3D4


 8E89B8

 746F9D

 5A5783

 424069

 2A2A51

 13153A

 000024

 00000C

 C4BEF0

 C4BEF0

 AFA6F0

 D9D6F0

 9A8EF0

 EEEEF0

 8576F0

 FFFFF0

 705EF0

 5A46F0

 452EF0

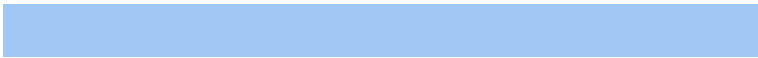
 3016F0

 1D00F0

# Harmonies

## Analogous

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



A1C7F5



C4BEF0



E1B6DF

# Triad

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



C4BEF0



EDB99B



88D1C0

# Complementary

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



C4BEF0



EAF0BE

# 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.



A1CFA7



C4BEF0



D9C192

# Square

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



C4BEF0



F6B3AE



BEC996



7BD1D9

# Rectangle

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



C4BEF0



EEB3D0



BEC996



90D1B7



# Sweetspot

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



C4BEF0



F2F0FF



BEEAF0



787780



000000



808080



# Same Dimension

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



C4BEF0



C7BFFF



DDBEF0



6D6C78



1600B8



070038



# Inverse Universe

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



FOBEEA



FFBFF7



D1F0BE



786C76



B800A2

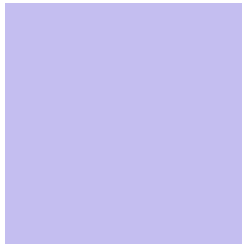


380031



# Previews

## White Background



This preview shows how the Hex color C4BEF0 looks on a white background.

## Color Contrast Check

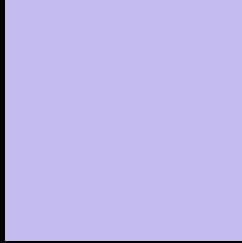
Large Text (above 18pt) WCAG AA × Fail

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 C4BEF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

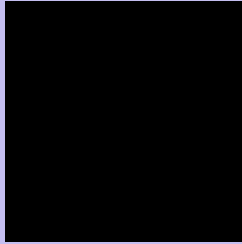
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4BEF0 Background



This preview shows how black text looks on a background with the Hex color C4BEF0.



This preview shows how white text looks on a background with the Hex color C4BEF0.

# 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



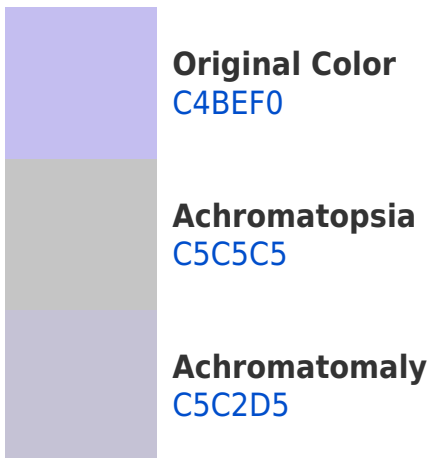


**Tritanopia**  
BFC3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BEF0 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 #C4BEF0 looks like.

```
.text, #text, p{  
    color:#C4BEF0  
}
```

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 #C4BEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BEF0
}
```

## Border

The CSS property to change the border of an element to Hex C4BEF0 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
#C4BEF0 }
```

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

```
.border{ border-color:#C4BEF0 }
```

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

Here you see how a box with a 4 pixel #C4BEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BEF0; -webkit-box-shadow:4px 4px  
4px 4px #C4BEF0; box-shadow:4px 4px 4px  
4px #C4BEF0 }
```

# Background

The CSS property to change the background color of an element to Hex C4BEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BEF0 }
```

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

```
.background{ background-color:#C4BEF0 }
```

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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