

# Converting Colors

Hex(C0CFEB)

Have a look what the booklet for  
Hex(C0CFEB) contains.

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# **Color**

**Hex(C0CFEB)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C0CFEB                     |
| RGB           | 192, 207, 235              |
| RGB Percent   | 75%, 81%, 92%              |
| CMY           | 0.2471, 0.1882, 0.0784     |
| CMYK          | 0.18, 0.12, 0.00, 0.08     |
| HSL           | 219°, 52%, 84%             |
| HSV           | 219°, 18%, 92%             |
| XYZ           | 59.0464, 61.8303, 87.4196  |
| YIQ           | 205.7070, -17.9280, 5.5280 |

# Conversions

## Conversions Part 2

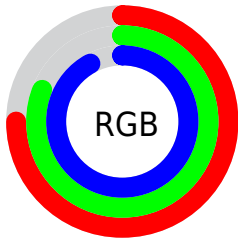
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 192, 203, 235                  |
| Decimal                             | 12636139                       |
| CIE Lab                             | 82.82, 0.67, -15.50            |
| CIE LCh                             | 83, 15.516, 272.483            |
| Yxy                                 | 61.8303, 0.2835,<br>0.2968     |
| Android<br>(android.graphics.Color) | 4290826219<br>(0xFFC0CFEB)     |
| YUV                                 | 205.7070, 14.4414,<br>-12.0210 |
| Hunter-Lab                          | 78.6322, -3.5673,<br>-10.8733  |

# Details

The Hex color **C0CFEB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EBDCC0**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F9FFFF**, and **8A99B3** is the 20% darker color. If you saturate the color by 10%, you get **A9C0EB**, and if you desaturate by 10%, it is **D8DEEB**.

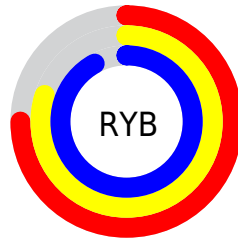
# Distribution



Red (75%)

Green (81%)

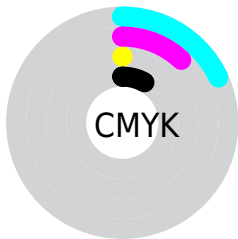
Blue (92%)



Red (75%)

Yellow (80%)

Blue (92%)

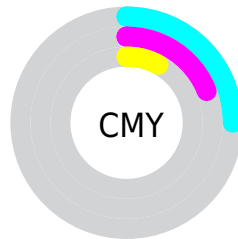


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (19%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0CFEB 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 C0CFEB by changing the saturation by 10% instead.



 C0CFEB

 C0CFEB

FFFFFF

 A5B4CF

 F9FFFF


 8A99B3

 707F98

 57667E

 3F4E65

 28374D

 112237

 000B21

 000008

 C0CFEB

 C0CFEB

 A9C0EB

 D8DEEB

 91B0EB

 EFEEEB

 7AA1EB

 FFFDEB

 6292EB

 FFFFEB

 4B82EB

 3373EB

 1B64EB

 0455EB

 0052EB

# Harmonies

## Analogous

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



B0D3E8



C0CFEB



D3CAE7

# Triad

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



C0CFEB



EDC5BF



B8D5C0

# Complementary

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



C0CFEB



EBDCC0

# 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.



C8D2B5



C0CFEB



E6C9B5

# Square

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



C0CFEB



ECC4CD



D9CEB1



ACD7CF

# Rectangle

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



C0CFEB



DEC7E0



D9CEB1



BDD5BC

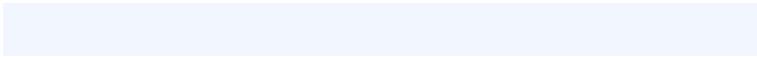


# Sweetspot

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



C0CFEB



F2F7FF



C0EBDC



787B80



000000



808080



# Same Dimension

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



C0CFEB



C7DAFF



C6C0EB



6A6E75



003FB5



001336



# Inverse Universe

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



EBC0CF



FFC7DA



E5EBC0



756A6E



B5003F

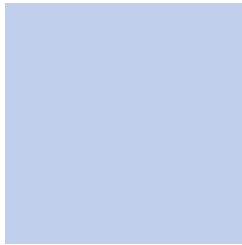


360013



# Previews

## White Background



This preview shows how the Hex color C0CFEB looks on a white background.

## Color Contrast Check

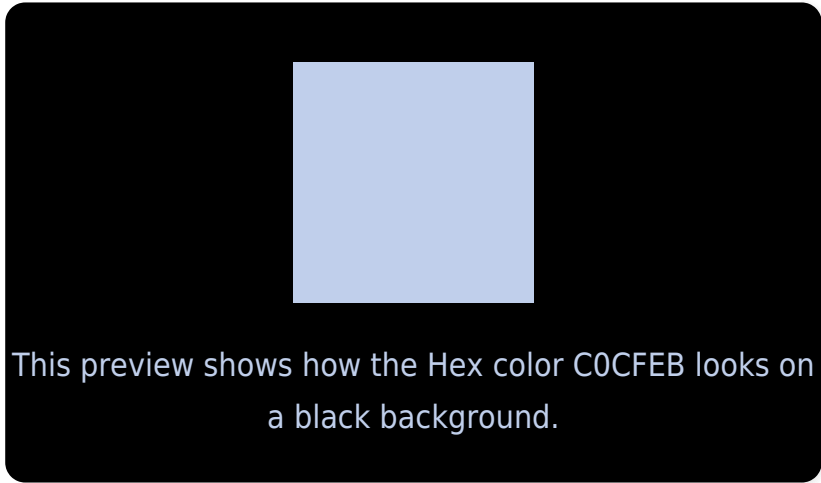
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

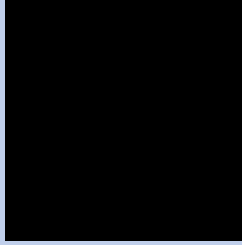
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

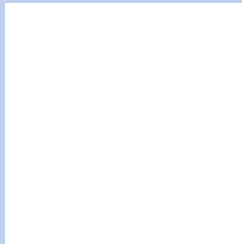
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0CFEB Background



This preview shows how black text looks on a background with the Hex color C0CFEB.

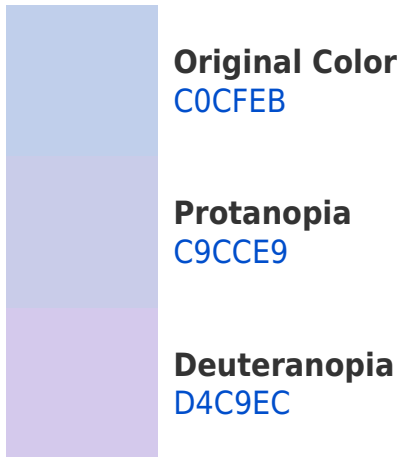


This preview shows how white text looks on a background with the Hex color C0CFEB.

# 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](#).

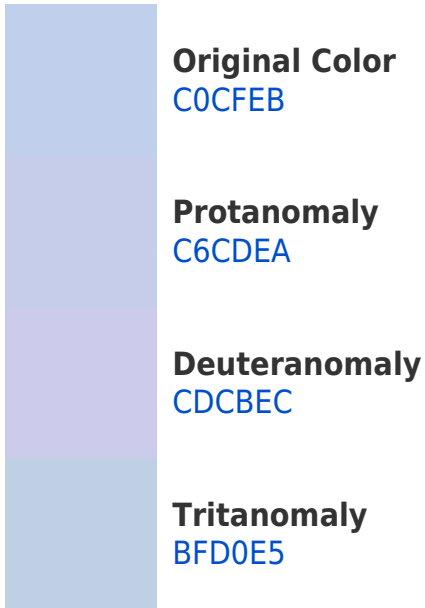
## Dichromacy



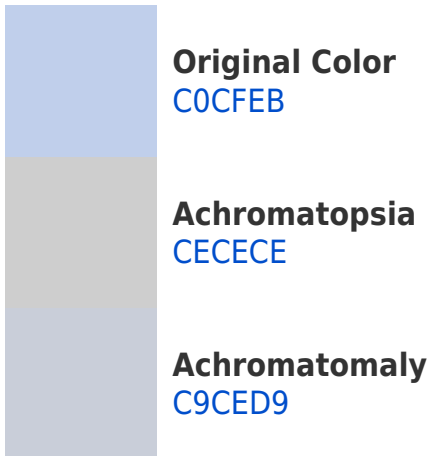


**Tritanopia**  
BED1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0CFEB 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 #C0CFEB looks like.

```
.text, #text, p{  
    color:#C0CFEB  
}
```

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 #C0CFEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0CFEB
}
```

## Border

The CSS property to change the border of an element to Hex C0CFEB 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
#C0CFEB }
```

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

```
.border{ border-color:#C0CFEB }
```

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

Here you see how a box with a 4 pixel #C0CFEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0CFEB; -webkit-box-shadow:4px 4px  
4px 4px #C0CFEB; box-shadow:4px 4px 4px  
4px #C0CFEB }
```

# Background

The CSS property to change the background color of an element to Hex C0CFEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0CFEB }
```

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

```
.background{ background-color:#C0CFEB }
```

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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