

# Converting Colors

Hex(C4D0EB)

Have a look what the booklet for  
Hex(C4D0EB) contains.

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# **Color**

**Hex(C4D0EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D0EB
RGB	196, 208, 235
RGB Percent	77%, 82%, 92%
CMY	0.2314, 0.1843, 0.0784
CMYK	0.17, 0.11, 0.00, 0.08
HSL	222°, 49%, 85%
HSV	222°, 17%, 92%
XYZ	60.3162, 62.8457, 87.5487
YIQ	207.4900, -15.8190, 5.8530

# Conversions

## Conversions Part 2

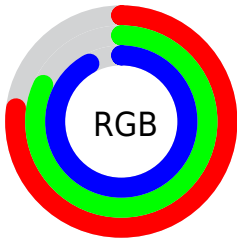
Format	Color
<a href="#">RYB</a>	<a href="#">196, 205, 235</a>
Decimal	<a href="#">12898539</a>
CIELab	<a href="#">83.36, 1.39, -14.66</a>
CIELCh	<a href="#">83, 14.731, 275.413</a>
Yxy	<a href="#">62.8457, 0.2863, 0.2983</a>
Android (android.graphics.Color)	<a href="#">4291088619 (0xFFC4D0EB)</a>
YUV	<a href="#">207.4900, 13.5624, -10.0767</a>
Hunter-Lab	<a href="#">79.2753, -2.9208, -9.9850</a>

# Details

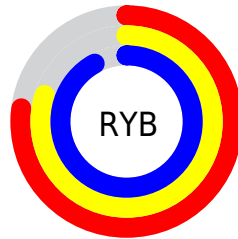
The Hex color **C4D0EB** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **EBDFC4**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FDFFFF**, and **8E9AB3** is the 20% darker color. If you saturate the color by 10%, you get **ACC0EB**, and if you desaturate by 10%, it is **DCE0EB**.

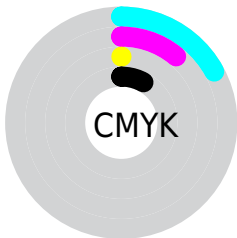
# Distribution



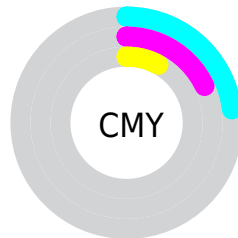
- Red (77%)
- Green (82%)
- Blue (92%)



- Red (77%)
- Yellow (80%)
- Blue (92%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (18%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4D0EB 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 C4D0EB by changing the saturation by 10% instead.



■ C4D0EB

FFFFFF

FDFFFF

■ C4D0EB

■ A9B4CF

■ 8E9AB3

■ 748098

■ 5B677E

■ 434F65

■ 2C384D

■ 162337

■ 000D21

■ 000008

 C4D0EB

 C4D0EB

 ACC0EB

 DCE0EB

 95AFEB

 F3F1EB

 7E9FEB

 FFFFEB

 668FEB

 4F7FEB

 376EEB

 205EEB

 084EEB

 0048EB

# Harmonies

## Analogous

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



B5D4E8



C4D0EB



D6CBE6

# Triad

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



C4D0EB



EDC8C0



B9D7C4

# Complementary

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



C4D0EB



EBDFC4

# 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.



C9D4B9



C4D0EB



E5CBB7

# Square

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



C4D0EB



ECC6CE



D8D0B4



AFD8D2

# Rectangle

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



C4D0EB



E0C9E0



D8D0B4



BED6C0



# Sweetspot

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



C4D0EB



F2F6FF



C4EBDF



787A80



000000



808080



# Same Dimension

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



C4D0EB



CCDCFF



CBC4EB



6A6D75



0038B5



001036



# Inverse Universe

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



EBC4D0



FFCCDC



E4EBC4



756A6D



B50038

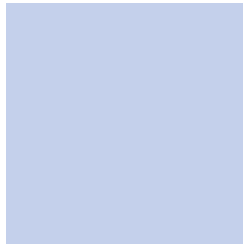


360010



# Previews

## White Background



This preview shows how the Hex color C4D0EB looks on a white background.

## Color Contrast Check

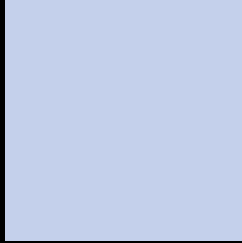
Large Text (above 18pt) WCAG AA × Fail

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 C4D0EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

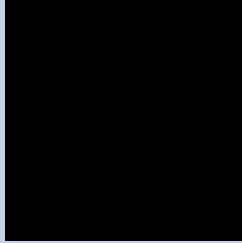
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C4D0EB Background



This preview shows how black text looks on a background with the Hex color C4D0EB.

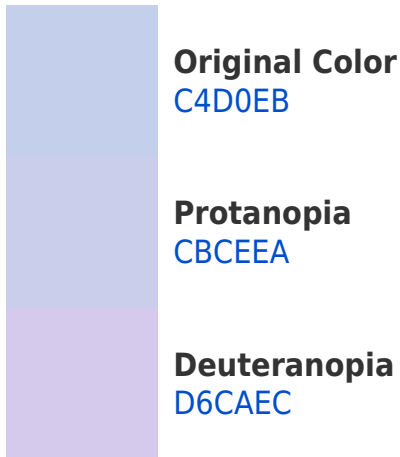


This preview shows how white text looks on a background with the Hex color C4D0EB.

# 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](#).

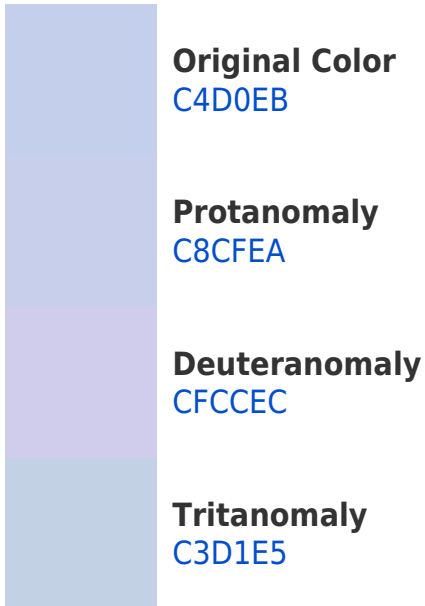
## Dichromacy



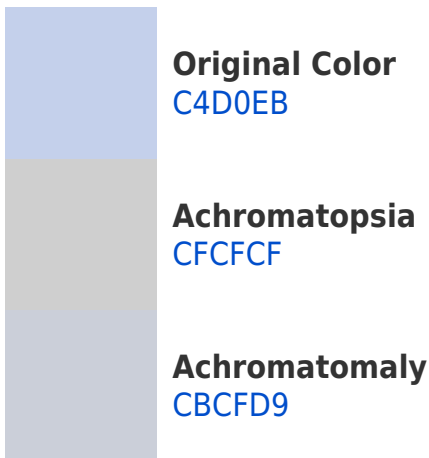


**Tritanopia**  
C2D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4D0EB 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 #C4D0EB looks like.

```
.text, #text, p{  
    color:#C4D0EB  
}
```

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 #C4D0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D0EB
}
```

## Border

The CSS property to change the border of an element to Hex C4D0EB 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
#C4D0EB }
```

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

```
.border{ border-color:#C4D0EB }
```

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

Here you see how a box with a 4 pixel #C4D0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D0EB; -webkit-box-shadow:4px 4px  
4px 4px #C4D0EB; box-shadow:4px 4px 4px  
4px #C4D0EB }
```

# Background

The CSS property to change the background color of an element to Hex C4D0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D0EB }
```

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

```
.background{ background-color:#C4D0EB }
```

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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