

# Converting Colors

Hex(C0EAF3)

Have a look what the booklet for  
Hex(C0EAF3) contains.

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# **Color**

**Hex(C0EAF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0EAF3
RGB	192, 234, 243
RGB Percent	75%, 92%, 95%
CMY	0.2471, 0.0824, 0.0471
CMYK	0.21, 0.04, 0.00, 0.05
HSL	191°, 68%, 85%
HSV	191°, 21%, 95%
XYZ	67.3387, 76.5232, 96.0153
YIQ	222.4680, -27.9210, -6.1050

# Conversions

## Conversions Part 2

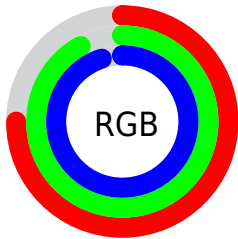
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	192, 215, 243
Decimal	12643059
CIE Lab	90.10, -11.60, -8.85
CIE LCh	90, 14.592, 217.362
Yxy	76.5232, 0.2807, 0.3190
Android (android.graphics.Color)	4290833139 (0xFFC0EAF3)
YUV	222.4680, 10.1223, -26.7204
Hunter-Lab	87.4775, -15.6794, -3.8424

# Details

The Hex color **C0EAF3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F3C9C0**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **F9FFFF**, and **8AB2BB** is the 20% darker color. If you saturate the color by 10%, you get **A8E6F3**, and if you desaturate by 10%, it is **D8EEF3**.

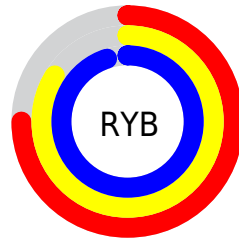
# Distribution



Red (75%)

Green (92%)

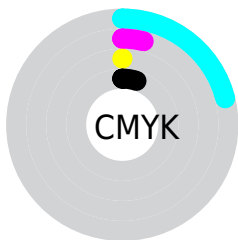
Blue (95%)



Red (75%)

Yellow (84%)

Blue (95%)

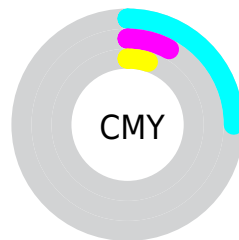


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (8%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0EAF3 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 C0EAF3 by changing the saturation by 10% instead.



 C0EAF3

FFFFFF

 F9FFFF

 C0EAF3

 A4CED7

 8AB2BB

 6F98A0

 567E86

 3D656C

 254D54

 09363D

 002027

 000213

 C0EAF3

 C0EAF3

 A8E6F3

 D8EEF3

 8FE1F3

 F1F3F3

 77DDF3

 FFF7F3

 5FD9F3

 FFFBF3

 47D5F3

 FFFFF3

 2ED0F3

 16CCF3

 00C8F3

# Harmonies

## Analogous

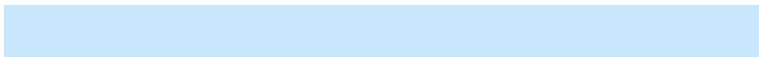
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C1EBE6



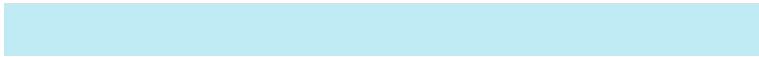
C0EAF3



C8E7FC

# Triad

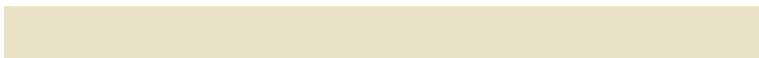
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C0EAF3



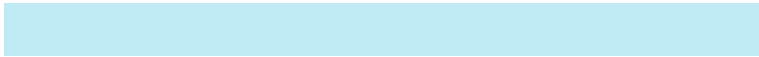
F8DAEE



EBE3C7

# Complementary

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



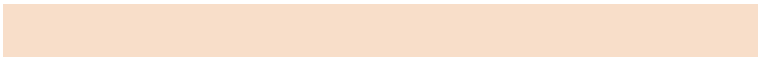
C0EAF3



F3C9C0

# 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.



F8DEC9



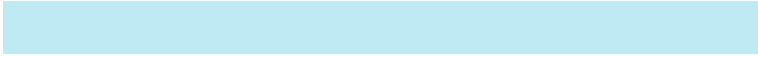
C0EAF3



FFD9E0

# Square

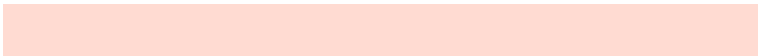
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0EAF3



EADEF9



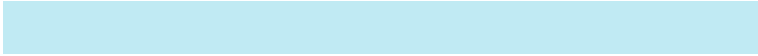
FFDBD2



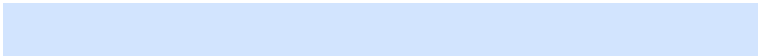
DBE7CC

# Rectangle

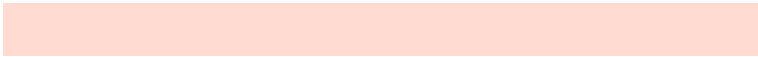
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



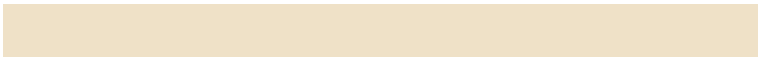
C0EAF3



D2E4FE



FFDBD2



EFE1C7

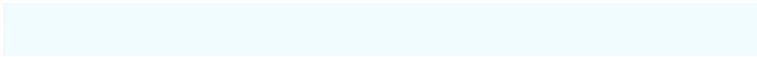


# Sweetspot

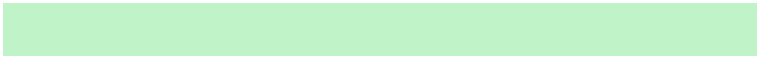
The Sweet Spot groups the original color and five complimentary colors.



C0EAF3



F0FCFF



C0F3C8



777E80



000000



808080

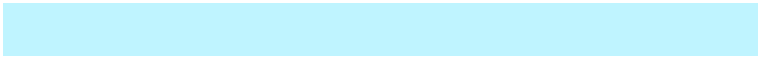


# Same Dimension

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



C0EAF3



BFF4FF



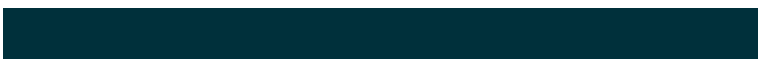
C0D1F3



6E787A



0099BA



00303B



# Inverse Universe

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



F3C0EA



FFBFF4



F3E2C0



7A6E78



BA0099

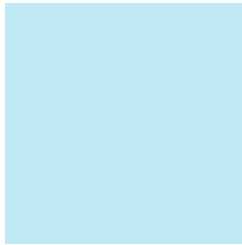


3B0030



# Previews

## White Background



This preview shows how the Hex color C0EAF3 looks on a white background.

## Color Contrast Check

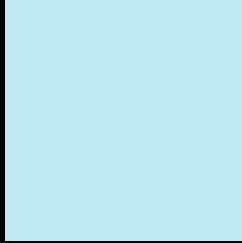
Large Text (above 18pt) WCAG AA × Fail

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 C0EAF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

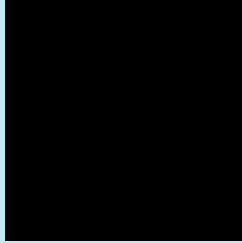
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0EAF3 Background



This preview shows how black text looks on a background with the Hex color C0EAF3.

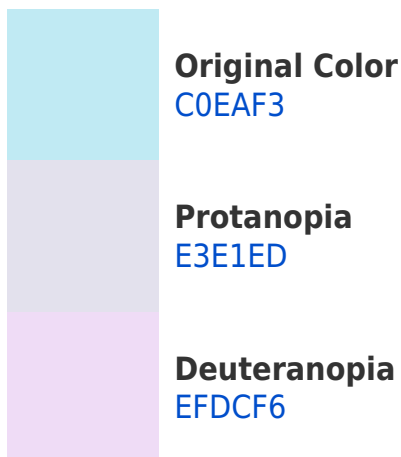


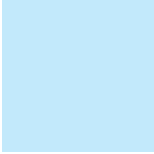
This preview shows how white text looks on a background with the Hex color C0EAF3.

# 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](#).

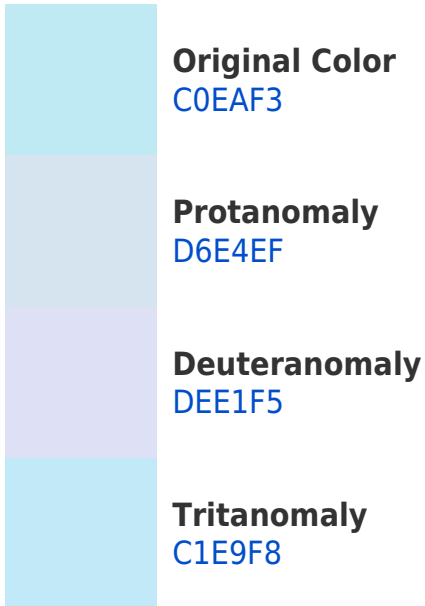
## Dichromacy



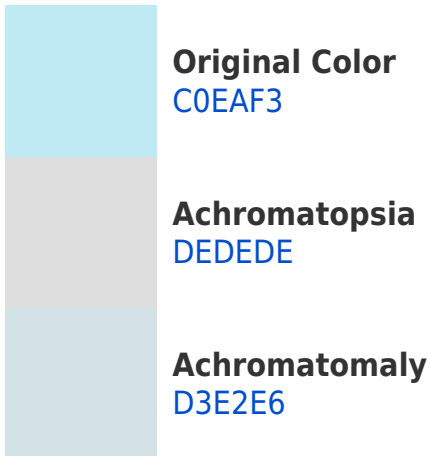


**Tritanopia**  
C2E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0EAF3 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 #C0EAF3 looks like.

```
.text, #text, p{  
    color:#C0EAF3  
}
```

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 #C0EAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0EAF3
}
```

## Border

The CSS property to change the border of an element to Hex C0EAF3 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
#C0EAF3 }
```

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

```
.border{ border-color:#C0EAF3 }
```

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

Here you see how a box with a 4 pixel #C0EAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0EAF3; -webkit-box-shadow:4px 4px  
4px 4px #C0EAF3; box-shadow:4px 4px 4px  
4px #C0EAF3 }
```

# Background

The CSS property to change the background color of an element to Hex C0EAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0EAF3 }
```

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

```
.background{ background-color:#C0EAF3 }
```

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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