

# Converting Colors

Hex(C3E6F0)

Have a look what the booklet for  
Hex(C3E6F0) contains.

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# **Color**

**Hex(C3E6F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E6F0
RGB	195, 230, 240
RGB Percent	76%, 90%, 94%
CMY	0.2353, 0.0980, 0.0588
CMYK	0.19, 0.04, 0.00, 0.06
HSL	193°, 60%, 85%
HSV	193°, 19%, 94%
XYZ	66.5307, 74.4870, 93.3090
YIQ	220.6750, -24.0700, -4.3100

# Conversions

## Conversions Part 2

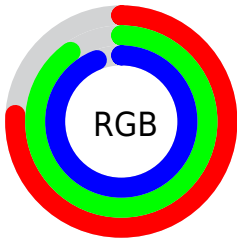
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 215, 240
Decimal	12838640
CIE <sub>Lab</sub>	89.15, -9.29, -8.67
CIE <sub>LCh</sub>	89, 12.713, 223.017
Yxy	74.4870, 0.2839, 0.3179
Android (android.graphics.Color)	4291028720 (0xFFC3E6F0)
YUV	220.6750, 9.5272, -22.5170
Hunter-Lab	86.3059, -13.4348, -3.6869

# Details

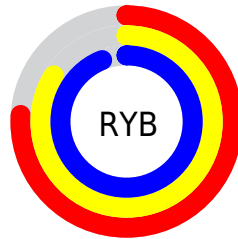
The Hex color **C3E6F0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0CDC3**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FCFFFF**, and **8DAEB8** is the 20% darker color. If you saturate the color by 10%, you get **ABE1F0**, and if you desaturate by 10%, it is **DBEBF0**.

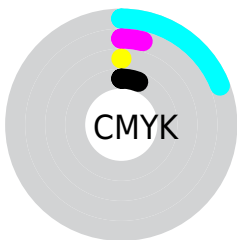
# Distribution



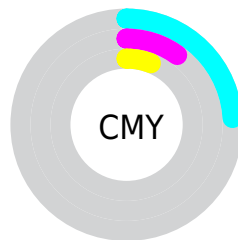
- Red (76%)
- Green (90%)
- Blue (94%)



- Red (76%)
- Yellow (84%)
- Blue (94%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (10%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3E6F0 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 C3E6F0 by changing the saturation by 10% instead.



 C3E6F0

 C3E6F0

FFFFFF

 A7CAD4

 FCFFFF


 8DAEB8

 73949D

 597A83

 41616A

 294952

 11333B

 001E25

 000110

 C3E6F0

 C3E6F0

 ABE1F0

 DBEBF0

 93DBF0

 F3F1F0

 7BD6F0

 FFF6F0

 63D1F0

 FFFBF0

 4BCBF0

 FFFFF0

 33C6F0

 1BC1F0

 03BBF0

 00BBF0

# Harmonies

## Analogous

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



C2E7E5



C3E6F0



CCE3F7

# Triad

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



C3E6F0



F5D9E7



E4E1C8

# Complementary

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



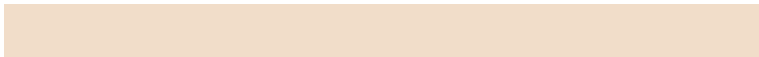
C3E6F0



F0CDC3

# Split Complementary

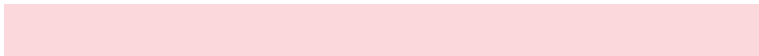
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F1DDC9



C3E6F0



FAD8DB

# Square

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



C3E6F0



E9DBF2



F9D9D0



D6E4CE

# Rectangle

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



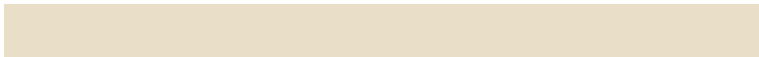
C3E6F0



D5E1F8



F9D9D0



E9DFC8

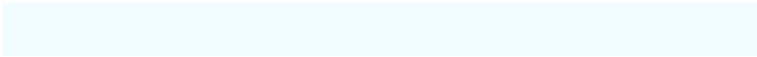


# Sweetspot

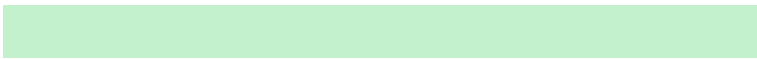
The Sweet Spot groups the original color and five complimentary colors.



C3E6F0



F0FCFF



C3F0CD



777E80



000000



808080

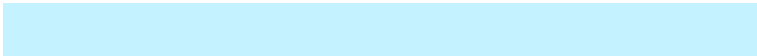


# Same Dimension

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



C3E6F0



C4F2FF



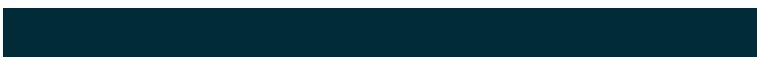
C3D0F0



6C7578



008FB8



002C38



# Inverse Universe

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



F0C3E6



FFC4F2



F0E3C3



786C75



B8008F

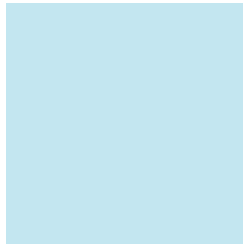


38002C



# Previews

## White Background



This preview shows how the Hex color C3E6F0 looks on a white background.

## Color Contrast Check

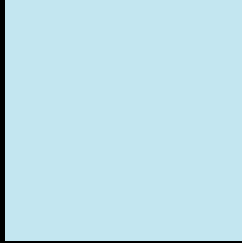
Large Text (above 18pt) WCAG AA × Fail

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 C3E6F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

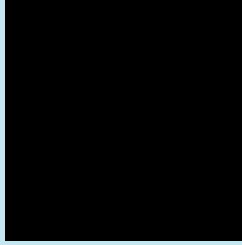
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3E6F0 Background



This preview shows how black text looks on a background with the Hex color C3E6F0.

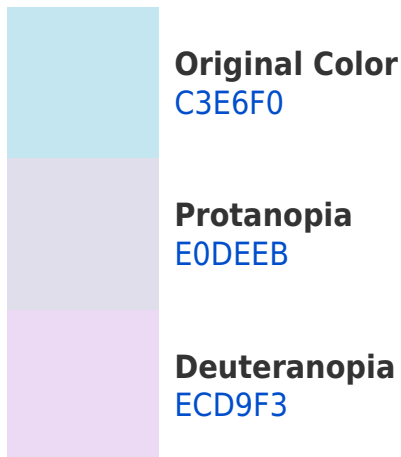


This preview shows how white text looks on a background with the Hex color C3E6F0.

# 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](#).

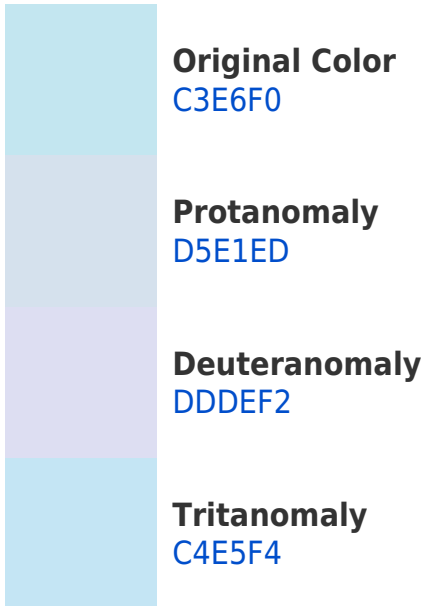
## Dichromacy



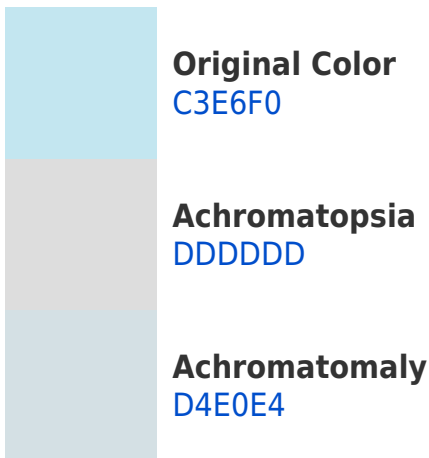


**Tritanopia**  
C4E5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3E6F0 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 #C3E6F0 looks like.

```
.text, #text, p{  
    color:#C3E6F0  
}
```

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 #C3E6F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E6F0
}
```

## Border

The CSS property to change the border of an element to Hex C3E6F0 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
#C3E6F0 }
```

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

```
.border{ border-color:#C3E6F0 }
```

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

Here you see how a box with a 4 pixel #C3E6F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E6F0; -webkit-box-shadow:4px 4px  
4px 4px #C3E6F0; box-shadow:4px 4px 4px  
4px #C3E6F0 }
```

# Background

The CSS property to change the background color of an element to Hex C3E6F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E6F0 }
```

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

```
.background{ background-color:#C3E6F0 }
```

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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