

# Converting Colors

Hex(C3EDF6)

Have a look what the booklet for  
Hex(C3EDF6) contains.

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# **Color**

**Hex(C3EDF6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3EDF6
RGB	195, 237, 246
RGB Percent	76%, 93%, 96%
CMY	0.2353, 0.0706, 0.0353
CMYK	0.21, 0.04, 0.00, 0.04
HSL	191°, 74%, 86%
HSV	191°, 21%, 96%
XYZ	69.4244, 78.8243, 98.7443
YIQ	225.4680, -27.9210, -6.1050

# Conversions

## Conversions Part 2

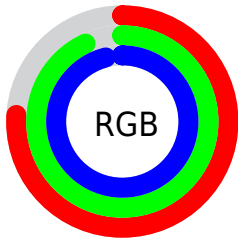
Format	Color
<b>R<sub>YB</sub></b>	195, 218, 246
Decimal	12840438
CIE <sub>Lab</sub>	91.15, -11.58, -8.84
CIE <sub>LCh</sub>	91, 14.569, 217.352
Yxy	78.8243, 0.2811, 0.3191
Android (android.graphics.Color)	4291030518 (0xFFC3EDF6)
YUV	225.4680, 10.1223, -26.7204
Hunter-Lab	88.7830, -15.7912, -3.7941

# Details

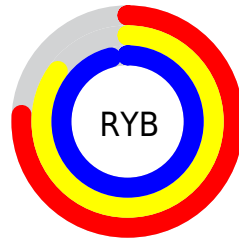
The Hex color **C3EDF6** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F6CCC3**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FCFFFF**, and **8CB5BE** is the 20% darker color. If you saturate the color by 10%, you get **AAE9F6**, and if you desaturate by 10%, it is **DCF1F6**.

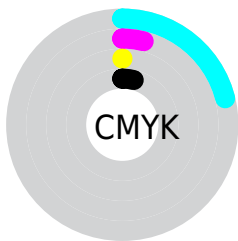
# Distribution



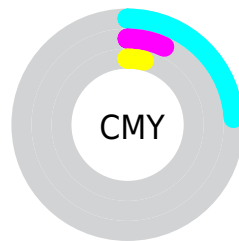
- Red (76%)
- Green (93%)
- Blue (96%)



- Red (76%)
- Yellow (85%)
- Blue (96%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3EDF6 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 C3EDF6 by changing the saturation by 10% instead.



 C3EDF6

FFFFFF

 FCFFFF

 C3EDF6

 A7D1DA

 8CB5BE

 729AA3

 598088

 40676F

 274F57

 0D383F

 00222A

 000915

 C3EDF6

 C3EDF6

 AAE9F6

 DCF1F6

 92E4F6

 F4F6F6

 79E0F6

 FFFAF6

 61DCF6

 FFFEF6

 48D7F6

 FFFFF6

 2FD3F6

 17CFF6

 00CBF6

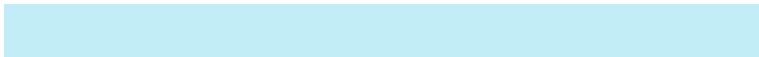
# Harmonies

## Analogous

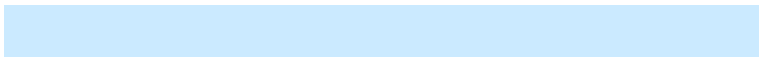
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4EEE9



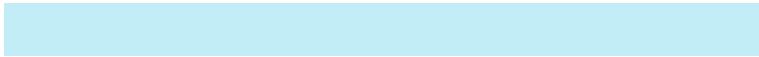
C3EDF6



CBEAFF

# Triad

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



C3EDF6



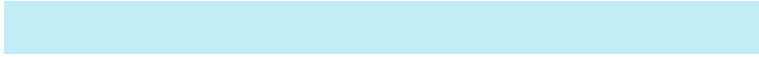
FBDDF1



EEE6CA

# Complementary

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



C3EDF6



F6CCC3

# 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.



FBE1CC



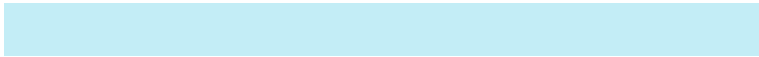
C3EDF6



FFDCE3

# Square

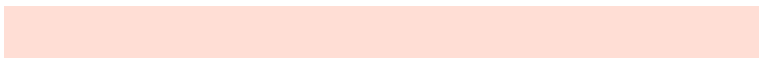
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C3EDF6



EDE1FC



FFDED5



DEEACF

# Rectangle

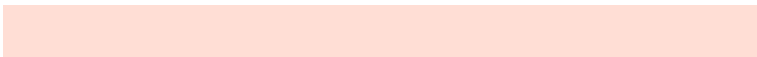
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3EDF6



D5E7FF



FFDED5

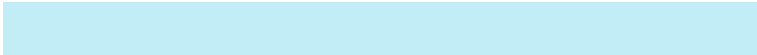


F3E4CA



# Sweetspot

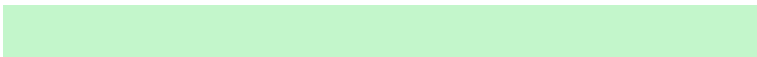
The Sweet Spot groups the original color and five complimentary colors.



C3EDF6



F0FCFF



C3F6CB



777E80



000000



808080

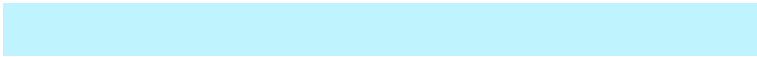


# Same Dimension

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



C3EDF6



BFF4FF



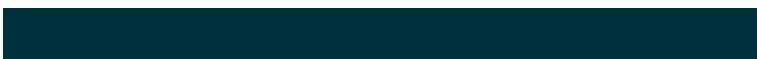
C3D4F6



6E787A



0099BA



00303B



# Inverse Universe

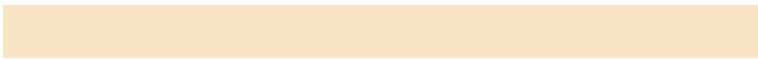
The Inverse Universe completely reimagines the original color for something new.



F6C3ED



FFBFF4



F6E5C3



7A6E78



BA0099

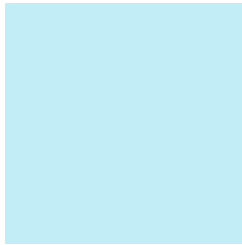


3B0030



# Previews

## White Background



This preview shows how the Hex color C3EDF6 looks on a white background.

## Color Contrast Check

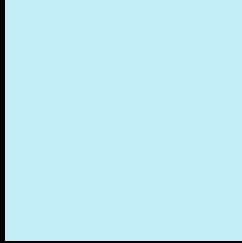
Large Text (above 18pt) WCAG AA × Fail

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 C3EDF6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

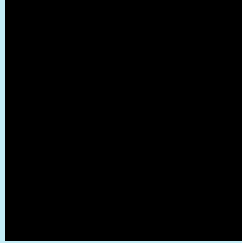
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3EDF6 Background



This preview shows how black text looks on a background with the Hex color C3EDF6.

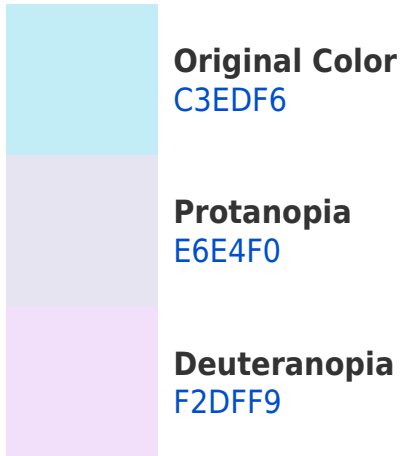


This preview shows how white text looks on a background with the Hex color C3EDF6.

# Color Blindness Simulation

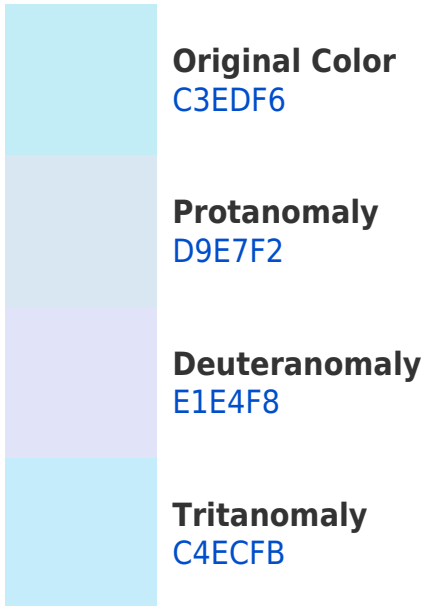
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

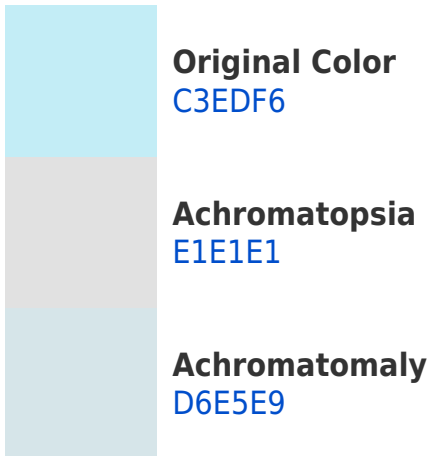




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3EDF6 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 #C3EDF6 looks like.

```
.text, #text, p{  
    color:#C3EDF6  
}
```

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 #C3EDF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3EDF6  
}
```

## Border

The CSS property to change the border of an element to Hex C3EDF6 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  
#C3EDF6 }
```

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

```
.border{ border-color:#C3EDF6 }
```

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

Here you see how a box with a 4 pixel #C3EDF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3EDF6; -webkit-box-shadow:4px 4px  
4px 4px #C3EDF6; box-shadow:4px 4px 4px  
4px #C3EDF6 }
```

# Background

The CSS property to change the background color of an element to Hex C3EDF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3EDF6 }
```

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

```
.background{ background-color:#C3EDF6 }
```

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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