

# Converting Colors

Hex(C4EBF7)

Have a look what the booklet for  
Hex(C4EBF7) contains.

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# **Color**

**Hex(C4EBF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EBF7
RGB	196, 235, 247
RGB Percent	77%, 92%, 97%
CMY	0.2314, 0.0784, 0.0314
CMYK	0.21, 0.05, 0.00, 0.03
HSL	194°, 76%, 87%
HSV	194°, 21%, 97%
XYZ	69.2618, 77.8678, 99.3752
YIQ	224.7070, -27.0960, -4.5360

# Conversions

## Conversions Part 2

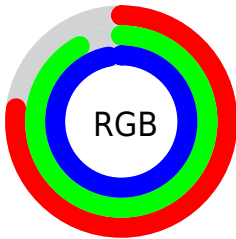
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 218, 247
Decimal	12905463
CIE Lab	90.72, -10.06, -10.00
CIE LCh	91, 14.184, 224.839
Yxy	77.8678, 0.2810, 0.3159
Android (android.graphics.Color)	4291095543 (0xFFC4EBF7)
YUV	224.7070, 10.9904, -25.1760
Hunter-Lab	88.2427, -14.3201, -4.9999

# Details

The Hex color **C4EBF7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7D0C4**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FDFFFF**, and **8DB3BF** is the 20% darker color. If you saturate the color by 10%, you get **ABE5F7**, and if you desaturate by 10%, it is **DDF1F7**.

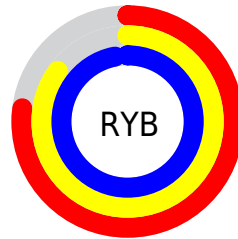
# Distribution



Red (77%)

Green (92%)

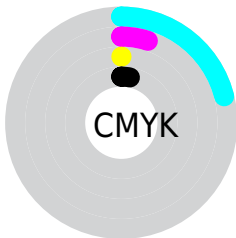
Blue (97%)



Red (77%)

Yellow (85%)

Blue (97%)

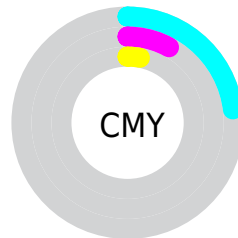


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (8%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4EBF7 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 C4EBF7 by changing the saturation by 10% instead.



 C4EBF7

 C4EBF7

FFFFFF

 A8CFDB

FDFFFF

 8DB3BF

 7398A4

 5A7F89

 416570

 294D58

 0F3740

 00212A

 000616

 C4EBF7

 C4EBF7

 ABE5F7

 DDF1F7

 93DFF7

 F5F7F7

 7ADAF7

 FFFCF7

 61D4F7

 FFFFF7

 49CEF7

 30C8F7

 17C2F7

 00BDF7

# Harmonies

## Analogous

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



C3EDEB



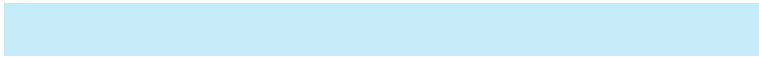
C4EBF7



CEE8FE

# Triad

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



C4EBF7



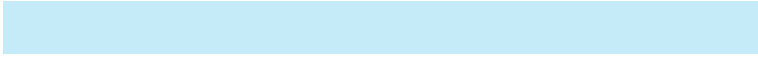
FCDCEC



E8E6CA

# Complementary

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



C4EBF7



F7D0C4

# 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.



F6E1CB



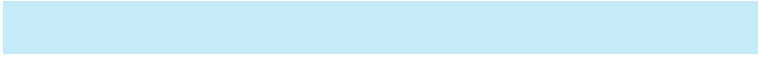
C4EBF7



FFDBDE

# Square

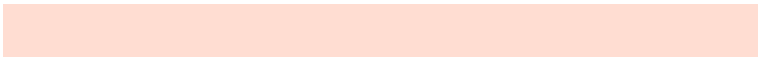
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4EBF7



EFDFF8



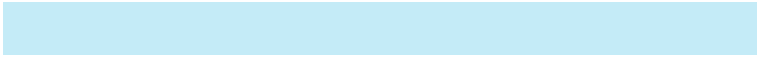
FFDDD2



D9EAD1

# Rectangle

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



C4EBF7



D9E5FF



FFDDD2

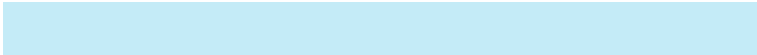


EDE4C9



# Sweetspot

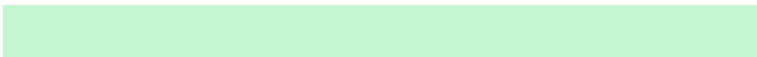
The Sweet Spot groups the original color and five complimentary colors.



C4EBF7



F0FBFF



C4F7D0



777D80



000000

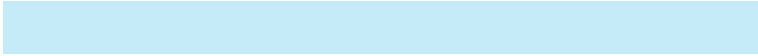


808080

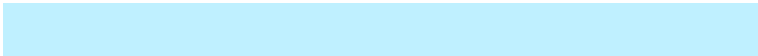


# Same Dimension

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



C4EBF7



BFF0FF



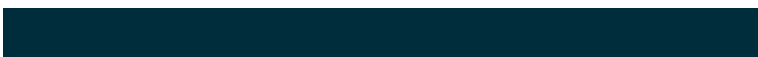
C4D2F7



6E787A



008EBA



002D3B



# Inverse Universe

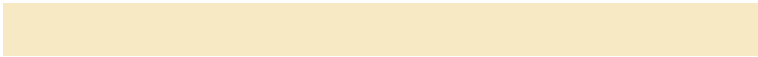
The Inverse Universe completely reimagines the original color for something new.



F7C4EB



FFBFF0



F7E9C4



7A6E78



BA008E

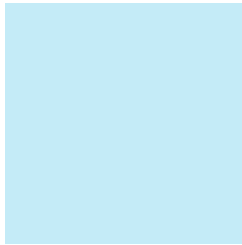


3B002D



# Previews

## White Background



This preview shows how the Hex color C4EBF7 looks on a white background.

## Color Contrast Check

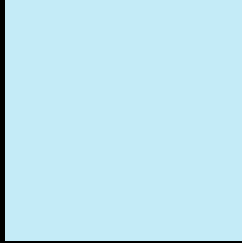
Large Text (above 18pt) WCAG AA × Fail

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 C4EBF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

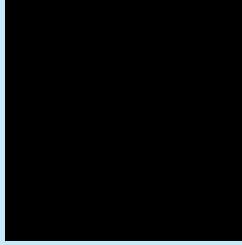
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

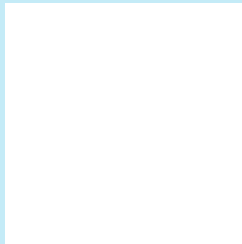
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4EBF7 Background



This preview shows how black text looks on a background with the Hex color C4EBF7.

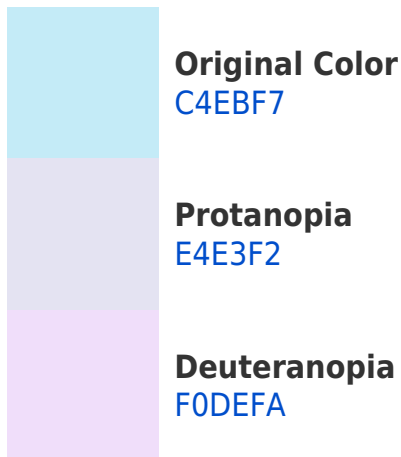


This preview shows how white text looks on a background with the Hex color C4EBF7.

# Color Blindness Simulation

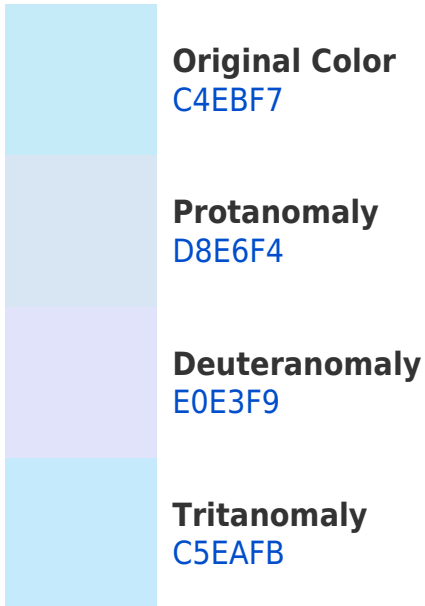
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

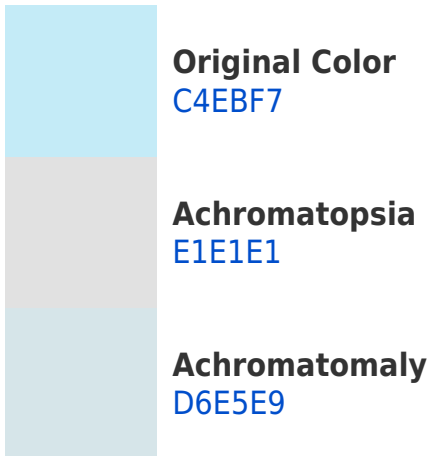




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4EBF7 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 #C4EBF7 looks like.

```
.text, #text, p{  
    color:#C4EBF7  
}
```

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 #C4EBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EBF7
}
```

## Border

The CSS property to change the border of an element to Hex C4EBF7 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
#C4EBF7 }
```

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

```
.border{ border-color:#C4EBF7 }
```

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

Here you see how a box with a 4 pixel #C4EBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EBF7; -webkit-box-shadow:4px 4px  
4px 4px #C4EBF7; box-shadow:4px 4px 4px  
4px #C4EBF7 }
```

# Background

The CSS property to change the background color of an element to Hex C4EBF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EBF7 }
```

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

```
.background{ background-color:#C4EBF7 }
```

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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