

# Converting Colors

Hex(CBEDF7)

Have a look what the booklet for  
Hex(CBEDF7) contains.

<b>Hex(CBEDF7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBEDF7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBEDF7
RGB	203, 237, 247
RGB Percent	80%, 93%, 97%
CMY	0.2039, 0.0706, 0.0314
CMYK	0.18, 0.04, 0.00, 0.03
HSL	194°, 73%, 88%
HSV	194°, 18%, 97%
XYZ	71.7013, 79.9803, 99.6544
YIQ	227.9740, -23.4740, -4.0980

# Conversions

## Conversions Part 2

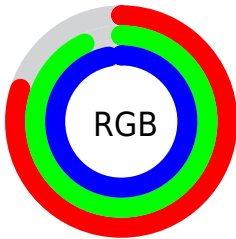
Format	Color
R <sub>YB</sub>	203, 222, 247
Decimal	13364727
CIE Lab	91.68, -8.96, -8.53
CIE LCh	92, 12.372, 223.608
Yxy	79.9803, 0.2853, 0.3182
Android (android.graphics.Color)	4291554807 (0xFFCBEDEF)
YUV	227.9740, 9.3798, -21.9022
Hunter-Lab	89.4317, -13.3942, -3.4651

# Details

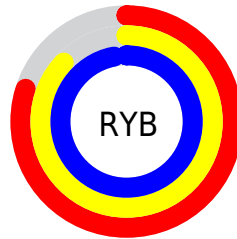
The Hex color **CBEDF7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7D5CB**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **94B5BF** is the 20% darker color. If you saturate the color by 10%, you get **B2E7F7**, and if you desaturate by 10%, it is **E4F3F7**.

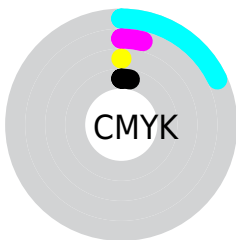
# Distribution



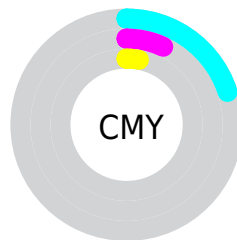
- Red (80%)
- Green (93%)
- Blue (97%)



- Red (80%)
- Yellow (87%)
- Blue (97%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (20%)
- Magenta (7%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBEDF7 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 CBEDF7 by changing the saturation by 10% instead.



 CBEDF7

FFFFFF

 CBEDF7

 AFD1DB

 94B5BF

 7A9AA4

 618089

 486770

 304F58

 183840

 00232A

 000C16

 CBEDF7

 CBEDF7

 B2E7F7

 E4F3F7

 9AE2F7

 FCF8F7

 81DCF7

 FFFEF7

 68D7F7

 FFFFF7

 4FD1F7

 37CBF7

 1EC6F7

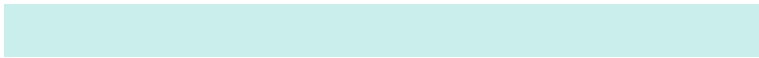
 05C0F7

 00BFF7

# Harmonies

## Analogous

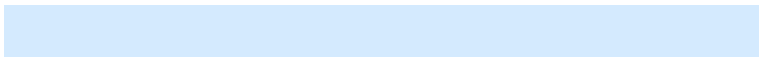
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CAEEEC



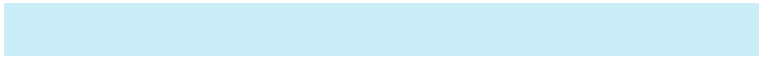
CBEDF7



D4EAFE

# Triad

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



CBEDF7



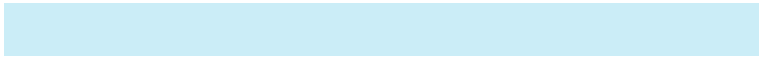
FBE0EE



EBE8D0

# Complementary

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



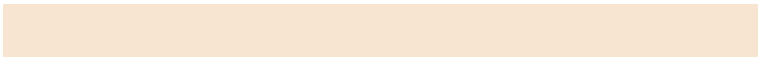
CBEDF7



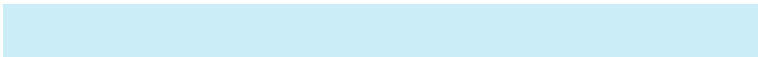
F7D5CB

# 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.



F7E4D1



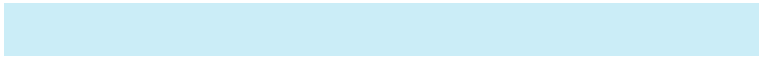
CBEDF7



FFDFE2

# Square

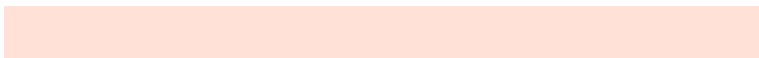
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



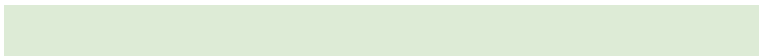
CBEDF7



F0E2F8



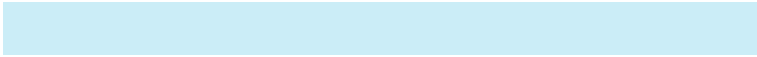
FFE1D7



DDEBD6

# Rectangle

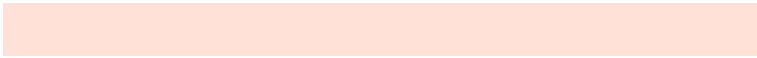
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBEDF7



DDE8FF



FFE1D7

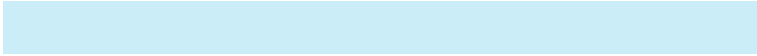


F0E7D0



# Sweetspot

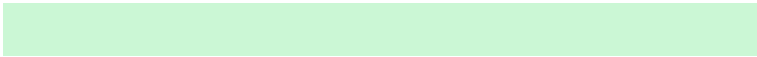
The Sweet Spot groups the original color and five complimentary colors.



CBEDF7



F2FCFF



CBF7D5



787E80



000000

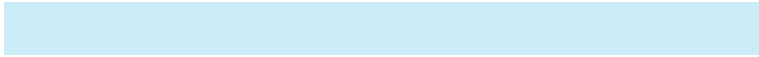


808080

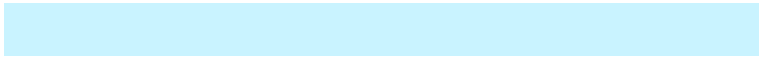


# Same Dimension

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



CBEDF7



C9F3FF



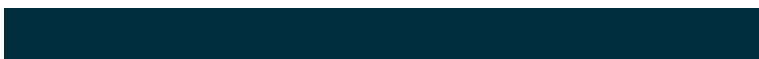
CBD7F7



6E787A



0090BA



002D3B



# Inverse Universe

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



F7CBED



FFC9F3



F7EBCB



7A6E78



BA0090

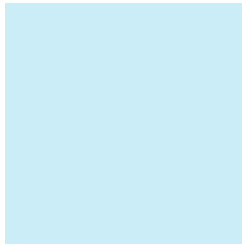


3B002D



# Previews

## White Background



This preview shows how the Hex color CBEDF7 looks on a white background.

## Color Contrast Check

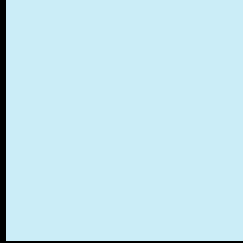
Large Text (above 18pt) WCAG AA × Fail

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 CBEDF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

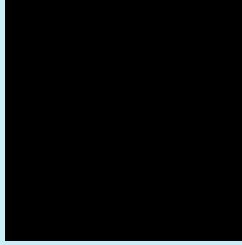
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBEDF7 Background



This preview shows how black text looks on a background with the Hex color CBEDF7.

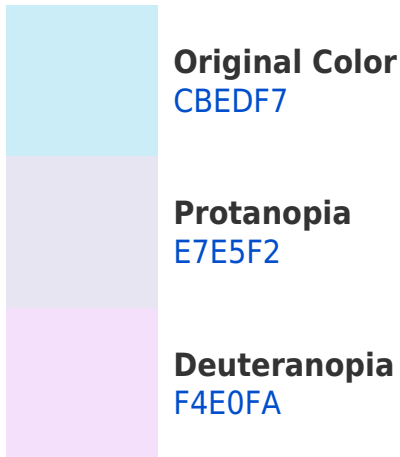


This preview shows how white text looks on a background with the Hex color CBEDF7.

# Color Blindness Simulation

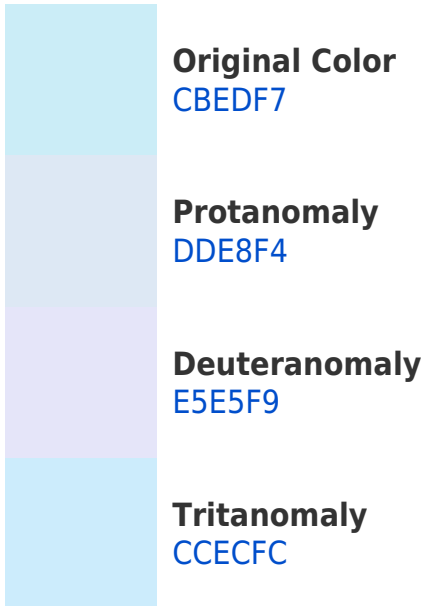
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBEDF7 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 #CBEDF7 looks like.

```
.text, #text, p{  
    color:#CBEDF7  
}
```

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 #CBEDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBEDF7
}
```

## Border

The CSS property to change the border of an element to Hex CBEDF7 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
#CBEDF7 }
```

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

```
.border{ border-color:#CBEDF7 }
```

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

Here you see how a box with a 4 pixel #CBEDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBEDF7; -webkit-box-shadow:4px 4px  
4px 4px #CBEDF7; box-shadow:4px 4px 4px  
4px #CBEDF7 }
```

# Background

The CSS property to change the background color of an element to Hex CBEDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBEDF7 }
```

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

```
.background{ background-color:#CBEDF7 }
```

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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