

Converting Colors

Hex(CBECF7)

Have a look what the booklet for
Hex(CBECF7) contains.

Hex(CBECF7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBECF7)

Conversions

Conversions Part 1

Format	Color
Hex	CBECF7
RGB	203, 236, 247
RGB Percent	80%, 93%, 97%
CMY	0.2039, 0.0745, 0.0314
CMYK	0.18, 0.04, 0.00, 0.03
HSL	195°, 73%, 88%
HSV	195°, 18%, 97%
XYZ	71.4126, 79.4028, 99.5581
YIQ	227.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

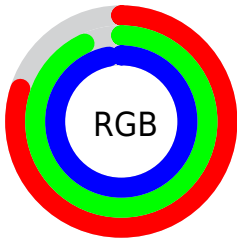
Format	Color
R _Y B	203, 222, 247
Decimal	13364471
CIE Lab	91.42, -8.45, -8.92
CIE LCh	91, 12.287, 226.544
Yxy	79.4028, 0.2852, 0.3171
Android (android.graphics.Color)	4291554551 (0xFFCBECF7)
YUV	227.3870, 9.6692, -21.3874
Hunter-Lab	89.1083, -12.8872, -3.8672

Details

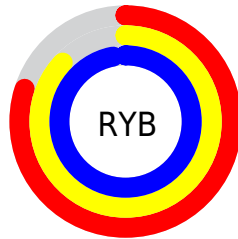
The Hex color **CBECF7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7D6CB**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **94B4BF** is the 20% darker color. If you saturate the color by 10%, you get **B2E6F7**, and if you desaturate by 10%, it is **E4F2F7**.

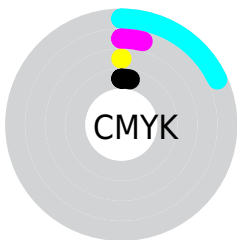
Distribution



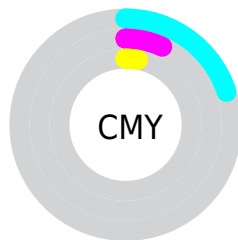
- Red (80%)
- Green (93%)
- Blue (97%)



- 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 CBECF7 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 CBECF7 by changing the saturation by 10% instead.

 CBECF7

FFFFFF

 CBECF7

 AFD0DB

 94B4BF

 7A99A4

 617F89

 486670

 304E58

 193840

 01222A

 000B16

 CBECF7


 CBECF7

 B2E6F7

 E4F2F7

 9AE0F7

 FCF8F7

 81D9F7

 FFFFF7

 68D3F7

 4FCDF7

 37C7F7

 1EC1F7

 05BBF7

 00B9F7

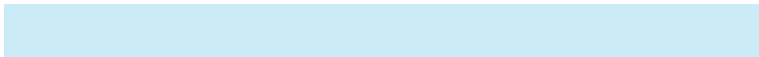
Harmonies

Analogous

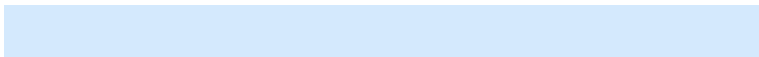
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C9EDED



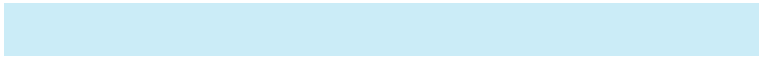
CBECF7



D4E9FD

Triad

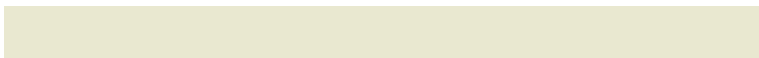
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBECF7



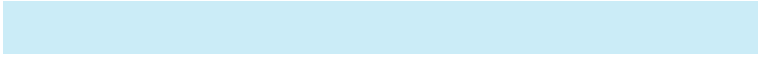
FBD FEC



E9E8D0

Complementary

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



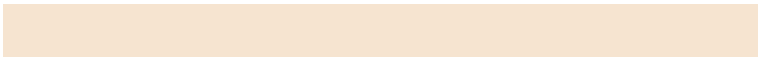
CBECF7



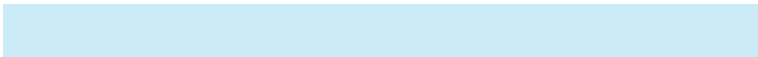
F7D6CB

Split Complementary

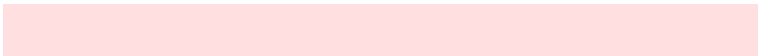
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F6E4D0



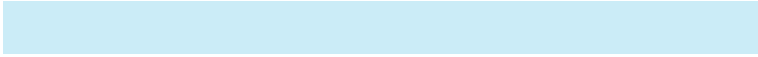
CBECF7



FFDFE0

Square

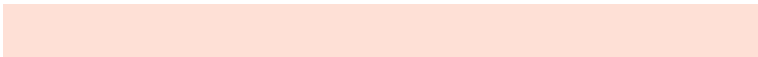
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



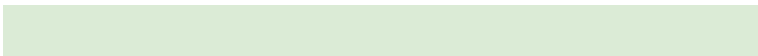
CBECF7



F1E1F7



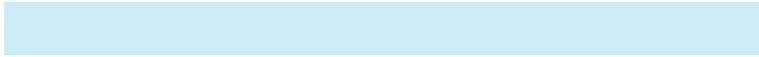
FEE0D6



DBEBD6

Rectangle

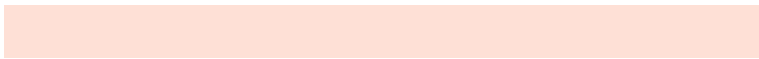
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBECF7



DDE6FE



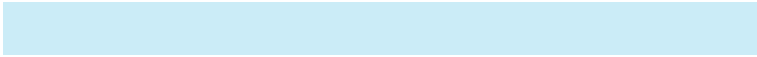
FEE0D6



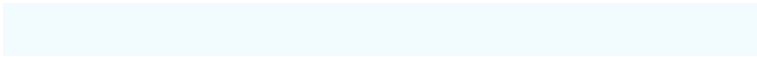
EEE6CF

Sweetspot

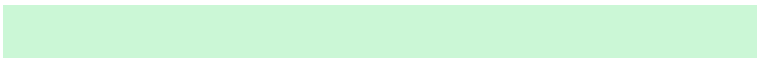
The Sweet Spot groups the original color and five complimentary colors.



CBECF7



F2FCFF



CBF7D6



787E80



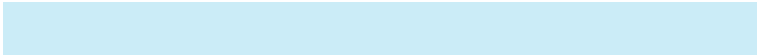
000000



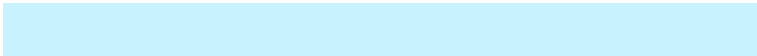
808080

Same Dimension

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



CBECF7



C9F2FF



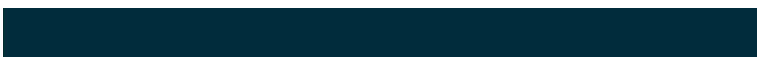
CBD7F7



6E777A



008CBA



002C3B

Inverse Universe

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



F7CBEC



FFC9F2



F7ECCB



7A6E77



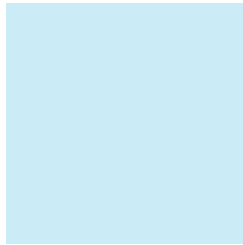
BA008C



3B002C

Previews

White Background



This preview shows how the Hex color CBECF7 looks on a white background.

Color Contrast Check

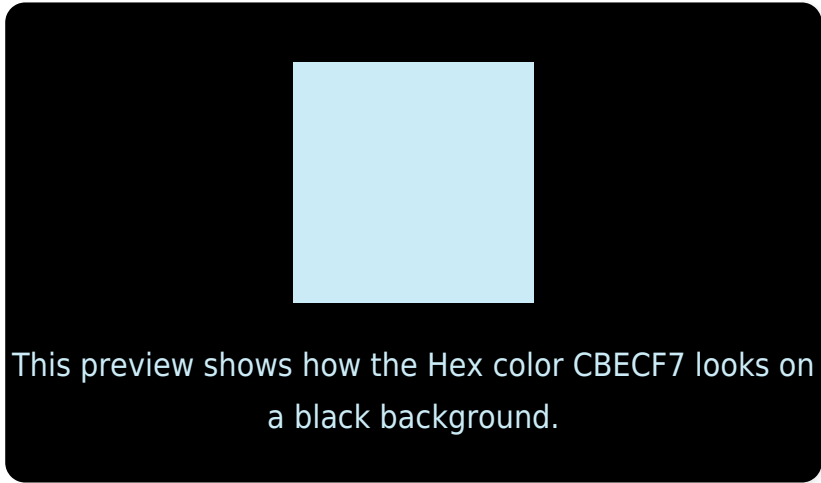
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

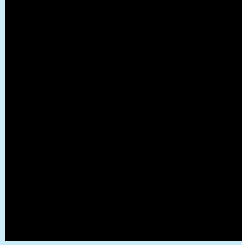
Any Text WCAG AA ✓ Pass

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 CBECF7 Background



This preview shows how black text looks on a background with the Hex color CBECF7.

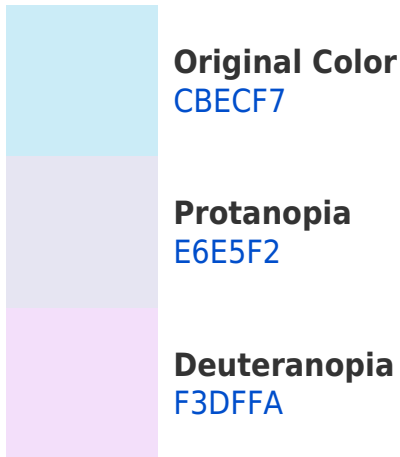


This preview shows how white text looks on a background with the Hex color CBECF7.

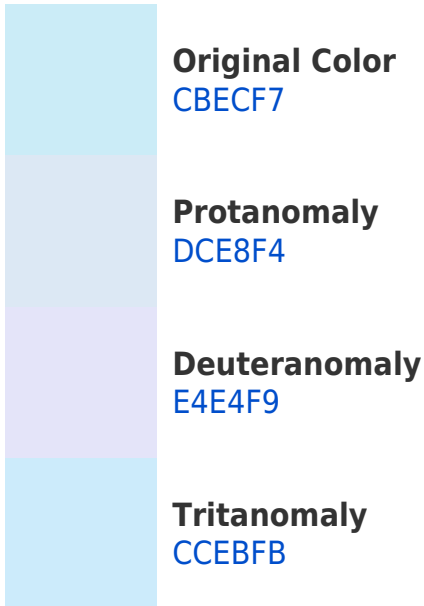
Color Blindness Simulation

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](#).

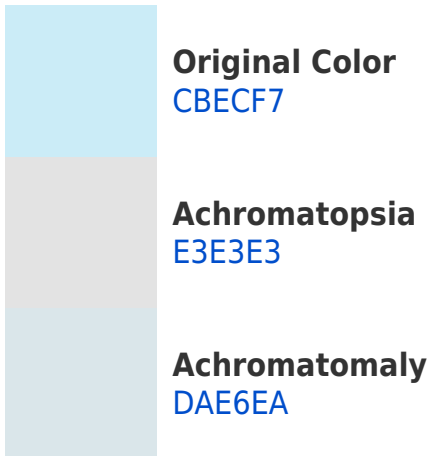
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBECF7 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 #CBEF7 looks like.

```
.text, #text, p{  
    color:#CBEF7  
}
```

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 #CBECF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBECF7
}
```

Border

The CSS property to change the border of an element to Hex CBECF7 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
#CBECF7 }
```

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

```
.border{ border-color:#CBECF7 }
```

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

Here you see how a box with a 4 pixel #CBECF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBECF7; -webkit-box-shadow:4px 4px  
4px 4px #CBECF7; box-shadow:4px 4px 4px  
4px #CBECF7 }
```

Background

The CSS property to change the background color of an element to Hex CBECF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBECF7 }
```

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

```
.background{ background-color:#CBECF7 }
```

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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