

Converting Colors

Hex(CBEF7C)

Have a look what the booklet for
Hex(CBEF7C) contains.

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Color

Hex(CBEF7C)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBEF7C</code>
RGB	<code>203, 239, 124</code>
RGB Percent	<code>80%, 94%, 49%</code>
CMY	<code>0.2039, 0.0627, 0.5137</code>
CMYK	<code>0.15, 0.00, 0.48, 0.06</code>
HSL	<code>79°, 78%, 71%</code>
HSV	<code>79°, 48%, 94%</code>
XYZ	<code>59.1332, 75.8848, 30.5994</code>
YIQ	<code>215.1260, 15.4590, -43.3970</code>

Conversions

Conversions Part 2

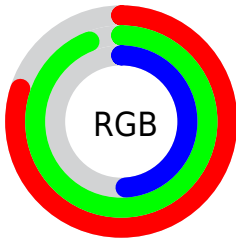
Format	Color
RYB	124, 239, 160
Decimal	13365116
CIELab	89.81, -29.22, 51.42
CIElCh	90, 59.142, 119.605
Yxy	75.8848, 0.3570, 0.4582
Android (android.graphics.Color)	4291555196 (0xFFCBEF7C)
YUV	215.1260, -44.9251, -10.6345
Hunter-Lab	87.1119, -31.2765, 40.1518

Details

The Hex color **CBEF7C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **A07CEF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB3**, and **93B747** is the 20% darker color. If you saturate the color by 10%, you get **C4EF64**, and if you desaturate by 10%, it is **D2EF94**.

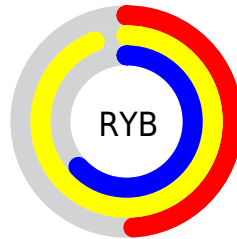
Distribution



Red (80%)

Green (94%)

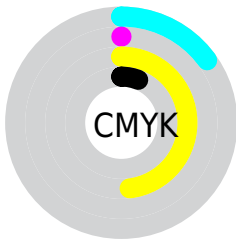
Blue (49%)



Red (49%)

Yellow (94%)

Blue (63%)

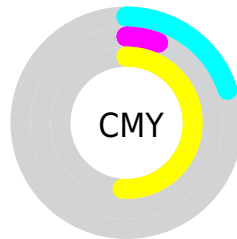


Cyan (15%)

Magenta (0%)

Yellow (48%)

Black (6%)



Cyan (20%)

Magenta (6%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBEF7C 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 CBEF7C by changing the saturation by 10% instead.

 CBEF7C

FFFFFF

 FFFFB3

 FFFFCF

 FFFFEC

 CBEF7C

 AFD361

 93B747

 789C2D

 5D820D

 426800

 295000

 0A3900

 002400

 000000

 CBEF7C

 CBEF7C

 C4EF64

 D2EF94

 BCEF4C

 DAEFAC

 B5EF34

 E1EFC4

 ADEF1C

 E9EFDC

 A6EF04

 F0EFF3

 A4EF00

 F8EFFF

 FFEFFF

Harmonies

Analogous

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



FFDE6E



CBEF7C



84FAA6

Triad

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



CBEF7C



00F6FF



FFB3E5

Complementary

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



CBEF7C



A07CEF

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.



FFBEFF



CBEF7C



7EE8FF

Square

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



CBEF7C



00FEFF



E5D3FF



FFB8AD

Rectangle

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



CBEF7C



3AFECC



E5D3FF



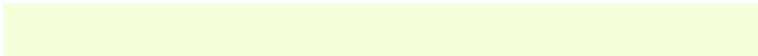
FFB5F8

Sweetspot

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



CBEF7C



F4FFDB



EF9F7C



79806A



000000



808080

Same Dimension

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



CBEF7C



D1FF6B



93EF7C



74786C



7EB800



273800

Inverse Universe

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



A07CEF



996BFF



D87CEF



706C78



3900B8



120038

Previews

White Background



This preview shows how the Hex color CBEF7C looks on a white background.

Color Contrast Check

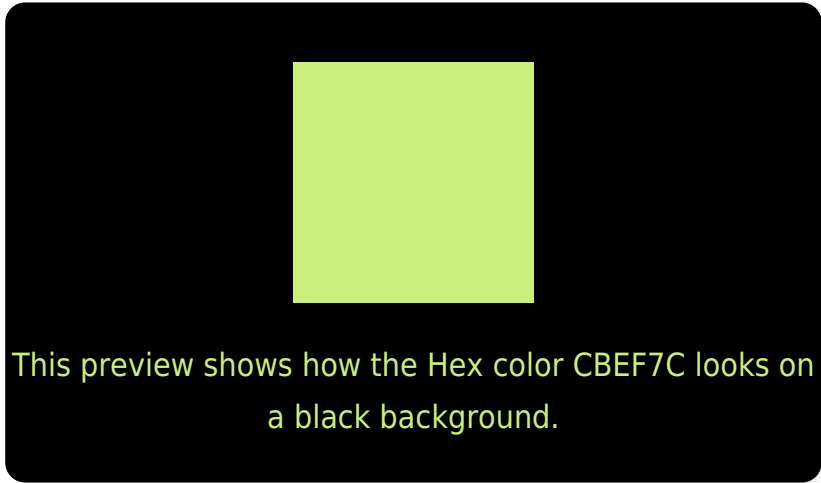
Large Text (above 18pt) WCAG AA × Fail

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 CBEF7C Background



This preview shows how black text looks on a background with the Hex color CBEF7C.

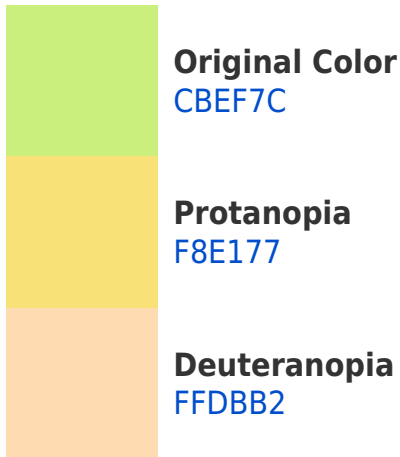


This preview shows how white text looks on a background with the Hex color CBEF7C.

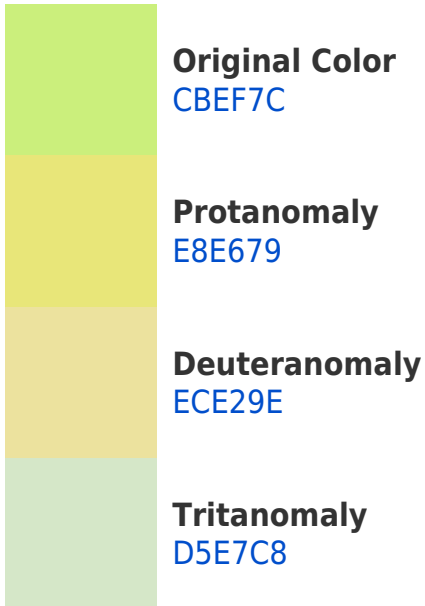
Color Blindness Simulation

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](#).

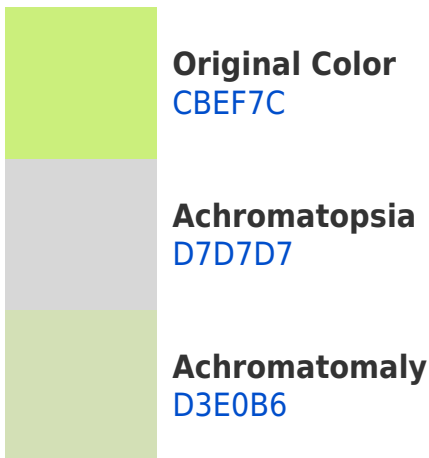
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBEF7C 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 #CBEF7C looks like.

```
.text, #text, p{  
    color:#CBEF7C  
}
```

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 #CBEF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBEF7C
}
```

Border

The CSS property to change the border of an element to Hex CBEF7C 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
#CBEF7C }
```

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

```
.border{ border-color:#CBEF7C }
```

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

Here you see how a box with a 4 pixel #CBEF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBEF7C; -webkit-box-shadow:4px 4px  
4px 4px #CBEF7C; box-shadow:4px 4px 4px  
4px #CBEF7C }
```

Background

The CSS property to change the background color of an element to Hex CBEF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBEF7C }
```

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

```
.background{ background-color:#CBEF7C }
```

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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