

# Converting Colors

Hex(CBEE8C)

Have a look what the booklet for  
Hex(CBEE8C) contains.

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# Color

**Hex(CBEE8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBEE8C
RGB	203, 238, 140
RGB Percent	80%, 93%, 55%
CMY	0.2039, 0.0667, 0.4510
CMYK	0.15, 0.00, 0.41, 0.07
HSL	81°, 74%, 74%
HSV	81°, 41%, 93%
XYZ	59.9368, 75.7390, 36.2710
YIQ	216.3630, 10.5980, -37.8980

# Conversions

## Conversions Part 2

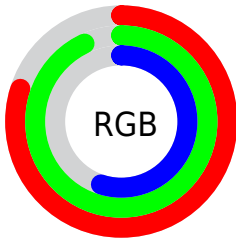
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">140, 238, 175</a>
Decimal	<a href="#">13364876</a>
<a href="#">CIELab</a>	<a href="#">89.74, -27.00, 43.66</a>
<a href="#">CIElCh</a>	<a href="#">90, 51.338, 121.731</a>
<a href="#">Yxy</a>	<a href="#">75.7390, 0.3486, 0.4405</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291554956 (0xFFCBEE8C)</a>
<a href="#">YUV</a>	<a href="#">216.3630, -37.6470, -11.7194</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.0282, -29.3654, 36.2092</a>

# Details

The Hex color **CBEE8C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AF8CEE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFC3**, and **93B658** is the 20% darker color. If you saturate the color by 10%, you get **C3EE74**, and if you desaturate by 10%, it is **D3EEA4**.

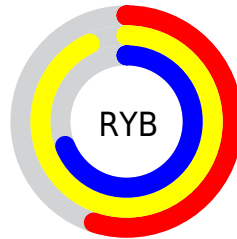
# Distribution



Red (80%)

Green (93%)

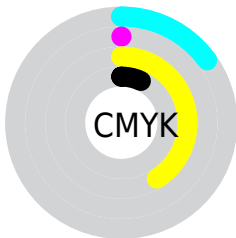
Blue (55%)



Red (55%)

Yellow (93%)

Blue (69%)

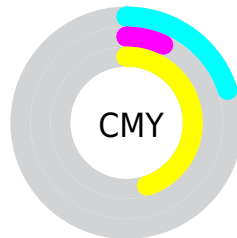


Cyan (15%)

Magenta (0%)

Yellow (41%)

Black (7%)



Cyan (20%)

Magenta (7%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBEE8C 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 CBEE8C by changing the saturation by 10% instead.



 CBEE8C

 CBEE8C

FFFFFF

 AFD272

 FFFFC3

 93B658

 FFFFDF


 789B3F

 FFFFFC

 5E8125

 446807

 2B4F00

 113800

 002300

 000000

 CBEE8C

 CBEE8C

 C3EE74

 D3EEA4

 BAEE5C

 DCEEBC

 B2EE45

 E4EED3

 A9EE2D

 EDEEEB

 A0EE15

 F6EEFF

 99EE00

 FEEEFF

 FFEEFF

# Harmonies

## Analogous

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



FEE07E



CBEE8C



8FF7B1

# Triad

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



CBEE8C



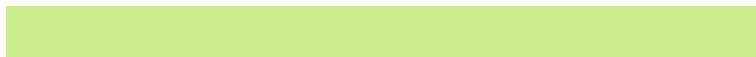
21F3FF



FFBAE1

# Complementary

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



CBEE8C



AF8CEE

# 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.



FFC3FF



CBEE8C



9BE6FF

# Square

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



CBEE8C



00FAFF



EAD4FF



FFC0B1

# Rectangle

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



CBEE8C



5DFBD2



EAD4FF



FFBCF1

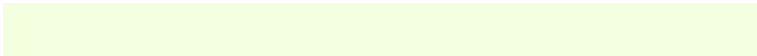


# Sweetspot

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



CBEE8C



F4FFE0



EEAE8C



79806E



000000



808080

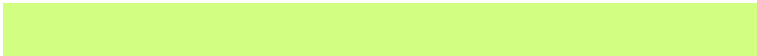


# Same Dimension

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



CBEE8C



D2FF82



9BEE8C



74786C



76B800



243800



# Inverse Universe

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



AF8CEE



AF82FF



DF8CEE



706C78



4200B8

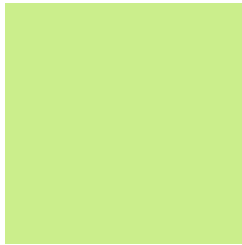


140038



# Previews

## White Background



This preview shows how the Hex color CBEE8C looks on a white background.

## Color Contrast Check

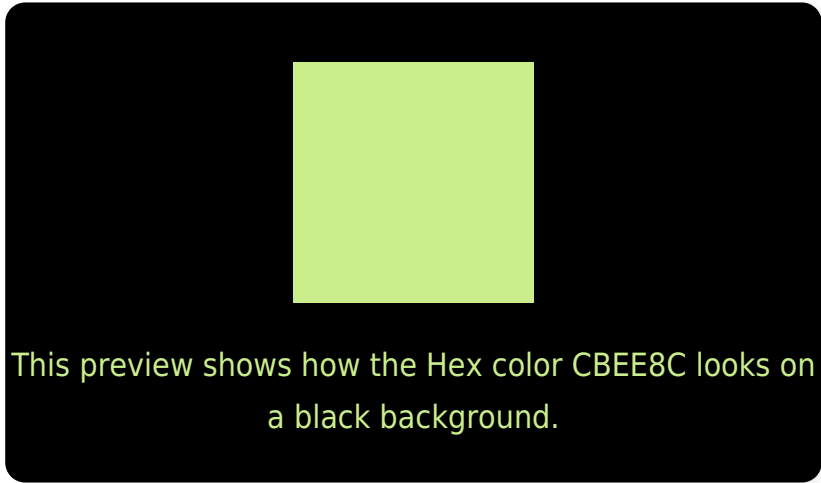
Large Text (above 18pt) WCAG AA × Fail

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

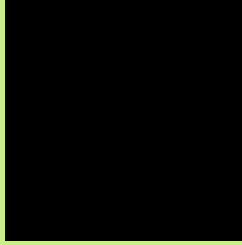
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBEE8C Background



This preview shows how black text looks on a background with the Hex color CBEE8C.

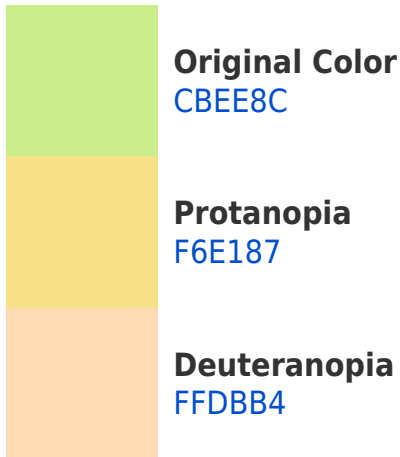


This preview shows how white text looks on a background with the Hex color CBEE8C.

# 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](#).

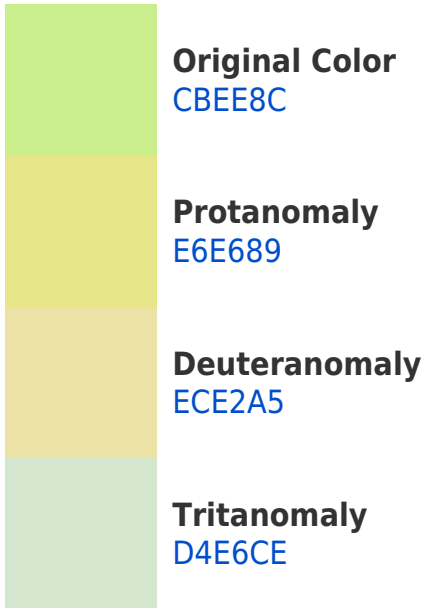
## Dichromacy





**Tritanopia**  
D9E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBEE8C 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 #CBEE8C looks like.

```
.text, #text, p{  
    color:#CBEE8C  
}
```

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 #CBEE8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBEE8C
}
```

## Border

The CSS property to change the border of an element to Hex CBEE8C 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
#CBEE8C }
```

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

```
.border{ border-color:#CBEE8C }
```

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

Here you see how a box with a 4 pixel #CBEE8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBEE8C; -webkit-box-shadow:4px 4px  
4px 4px #CBEE8C; box-shadow:4px 4px 4px  
4px #CBEE8C }
```

# Background

The CSS property to change the background color of an element to Hex CBEE8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBEE8C }
```

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

```
.background{ background-color:#CBEE8C }
```

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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