

# Converting Colors

Hex(CEEBB6)

Have a look what the booklet for  
Hex(CEEBB6) contains.

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# Color

**Hex(CEEBB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">CEE6B6</a>
RGB	<a href="#">206, 235, 182</a>
RGB Percent	<a href="#">81%, 92%, 71%</a>
CMY	<a href="#">0.1922, 0.0784, 0.2863</a>
CMYK	<a href="#">0.12, 0.00, 0.23, 0.08</a>
HSL	<a href="#">93°, 57%, 82%</a>
HSV	<a href="#">93°, 23%, 92%</a>
XYZ	<a href="#">63.6054, 75.9159, 55.5568</a>
YIQ	<a href="#">220.2870, -0.2710, -22.6310</a>

# Conversions

## Conversions Part 2

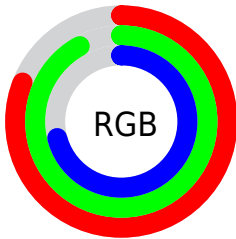
Format	Color
<a href="#">RYB</a>	<a href="#">182, 235, 211</a>
Decimal	<a href="#">13560758</a>
CIELab	<a href="#">89.82, -18.78, 22.63</a>
CIELCh	<a href="#">90, 29.408, 129.685</a>
Yxy	<a href="#">75.9159, 0.3261, 0.3892</a>
Android (android.graphics.Color)	<a href="#">4291750838 (0xFFCEE6B6)</a>
YUV	<a href="#">220.2870, -18.8755, -12.5297</a>
Hunter-Lab	<a href="#">87.1297, -22.1705, 23.1855</a>

# Details

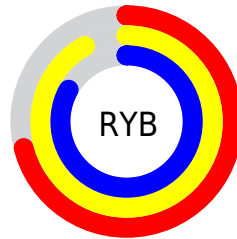
The Hex color **CEEBB6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D3B6EB**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFEE**, and **97B381** is the 20% darker color. If you saturate the color by 10%, you get **C1EB9F**, and if you desaturate by 10%, it is **DBEBCE**.

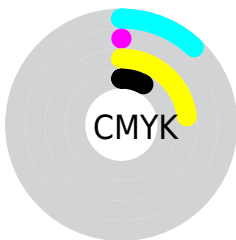
# Distribution



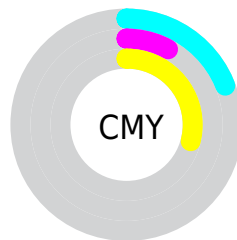
- Red (81%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (83%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEEBB6 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 CEEBB6 by changing the saturation by 10% instead.



 CEEBB6

FFFFFF

 FFFFEE

 CEEBB6

 B2CF9B

 97B381

 7D9868

 647E4F

 4B6538

 344D22

 1D360C

 062100

 000000

 CEEBB6

 CEEBB6

 C1EB9F

 DBEBCE

 B4EB87

 E8EBE5


 A7EB70

 F5EBFD

 9BEB58

 FFEBFF

 8EEB41

 81EB29

 74EB12

 6AEB00

# Harmonies

## Analogous

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



EDE3AA



CEE6B6



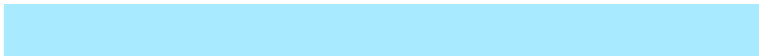
AEF0CD

# Triad

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



CEE6B6



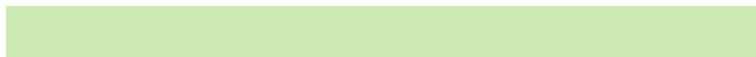
A8EAF7



FFC6DA

# Complementary

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



CEE6B6



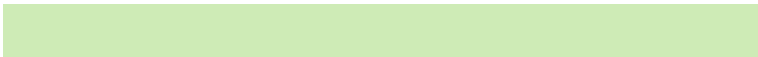
D3B6EB

# 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.



FFD0F6



CEE6B6



CCE1FF

# Square

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



CEE6B6



92F0FF



F2D8FF



FFD1BF

# Rectangle

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



CEE6B6



9DF2E1



F2D8FF



FFCEE3



# Sweetspot

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



CEEBB6



F5FFED



EBD2B6



7A8075



000000



808080

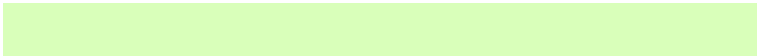


# Same Dimension

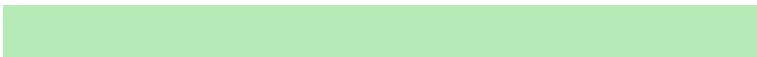
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CEE6B6



D9FFBA



B6EBB8



6F756A



52B500



183600



# Inverse Universe

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



D3B6EB



E0BAFF



EBB6E9



706A75



6300B5

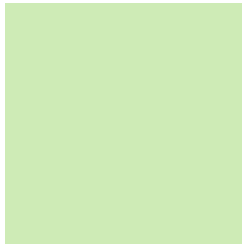


1D0036



# Previews

## White Background



This preview shows how the Hex color CEEBB6 looks on a white background.

## Color Contrast Check

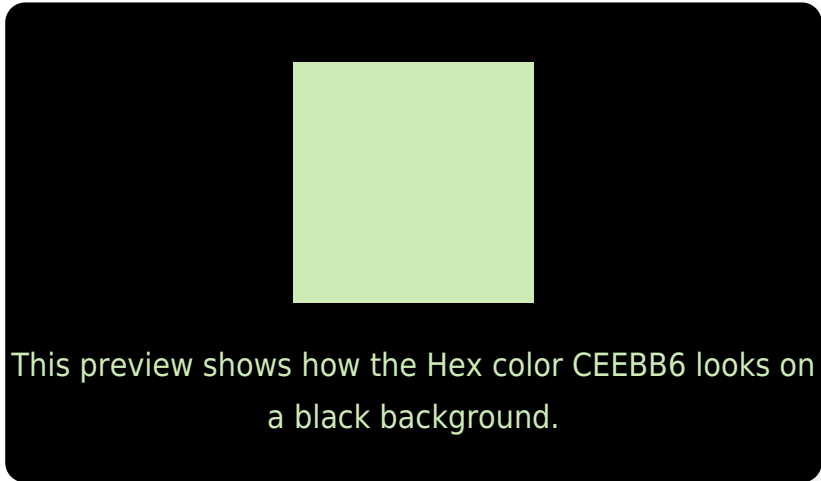
Large Text (above 18pt) WCAG AA × Fail

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

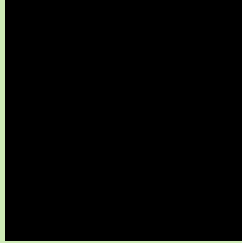
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

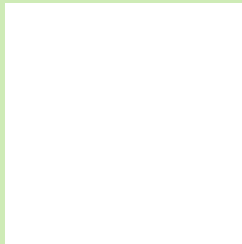
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEEBB6 Background



This preview shows how black text looks on a background with the Hex color CEEBB6.

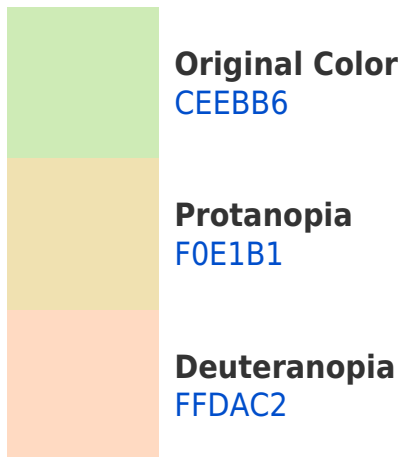


This preview shows how white text looks on a background with the Hex color CEEBB6.

# 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



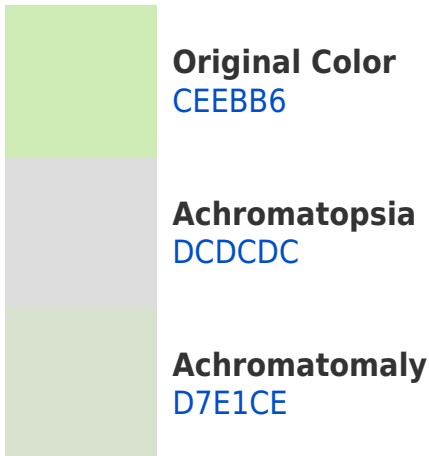


**Tritanopia**  
D7E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEEBB6 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 #CEEBB6 looks like.

```
.text, #text, p{  
    color:#CEEBB6  
}
```

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 #CEE6B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE6B6  
}
```

## Border

The CSS property to change the border of an element to Hex CEE6B6 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  
#CEE6B6 }
```

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

```
.border{ border-color:#CEE6B6 }
```

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

Here you see how a box with a 4 pixel #CEE6B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE6B6; -webkit-box-shadow:4px 4px  
4px 4px #CEE6B6; box-shadow:4px 4px 4px  
4px #CEE6B6 }
```

# Background

The CSS property to change the background color of an element to Hex CEEBB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEEBB6 }
```

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

```
.background{ background-color:#CEEBB6 }
```

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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