

# Converting Colors

Hex(CBCEB4)

Have a look what the booklet for  
Hex(CBCEB4) contains.

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# **Color**

**Hex(CBCEB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBCEB4
RGB	203, 206, 180
RGB Percent	80%, 81%, 71%
CMY	0.2039, 0.1922, 0.2941
CMYK	0.01, 0.00, 0.13, 0.19
HSL	67°, 21%, 76%
HSV	67°, 13%, 81%
XYZ	54.9381, 60.1344, 51.8916
YIQ	202.1390, 6.5580, -8.7220

# Conversions

## Conversions Part 2

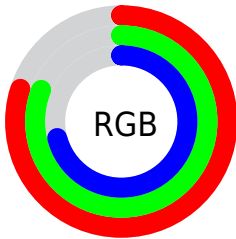
Format	Color
<a href="#">RYB</a>	<a href="#">180, 206, 183</a>
Decimal	<a href="#">13356724</a>
CIELab	<a href="#">81.91, -5.53, 12.59</a>
CIELCh	<a href="#">82, 13.752, 113.716</a>
Yxy	<a href="#">60.1344, 0.3290, 0.3602</a>
Android (android.graphics.Color)	<a href="#">4291546804 (0xFFCCEB4)</a>
YUV	<a href="#">202.1390, -10.9145, 0.7551</a>
Hunter-Lab	<a href="#">77.5464, -9.2469, 14.6075</a>

# Details

The Hex color **CBCEB4** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B7B4CE**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFEC**, and **95987F** is the 20% darker color. If you saturate the color by 10%, you get **C9CE9F**, and if you desaturate by 10%, it is **CDCEC9**.

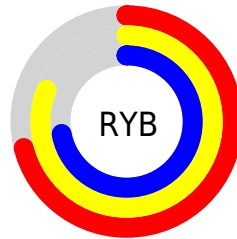
# Distribution



Red (80%)

Green (81%)

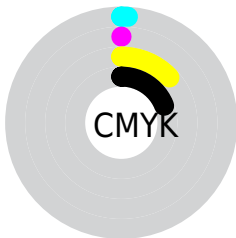
Blue (71%)



Red (71%)

Yellow (81%)

Blue (72%)

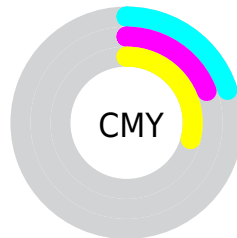


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (19%)



Cyan (20%)

Magenta (19%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBCEB4 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 CBCEB4 by changing the saturation by 10% instead.



 CBCEB4

 CBCEB4

FFFFFF

 B0B399

 FFFFEC


 95987F

 7B7E66

 62654E

 4A4D37

 333622

 1E210C

 000B00

 000000

 CBCEB4

 CBCEB4

 C9CE9F

 CDCEC9

 C6CE8B

 D0CEDD

 C4CE76

 D2CEF2

 C1CE62

 D5CEFF

 BFCE4D

 D7CEFF

 BDCE38

 D9CEFF

 BACE24

 DCCEFF

 B8CE0F

 DECEFF

 B6CE00

 E0CEFF

# Harmonies

## Analogous

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



D9CAB2



CBCEB4



BCD1BC

# Triad

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



CBCEB4



AFD1E0



E4C3CF

# Complementary

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



CBCEB4



B7B4CE

# 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.



DAC5DB



CBCEB4



BBCEE5

# Square

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



CBCEB4



ABD3D5



CBC9E3



E8C3C2

# Rectangle

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



CBCEB4



B4D3C4



CBC9E3



E2C4D3



# Sweetspot

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



CBCEB4



FEFF5



CEB7B4



7F8079



000000



808080



# Same Dimension

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



CBCEB4



FBFFD9



BECEB4



65665C



93A600



222600



# Inverse Universe

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



B7B4CE



DDD9FF



C4B4CE



5D5C66



1300A6

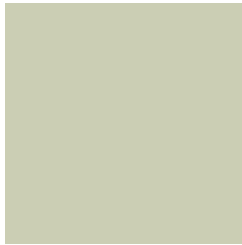


040026



# Previews

## White Background



This preview shows how the Hex color CBCEB4 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 CBCEB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

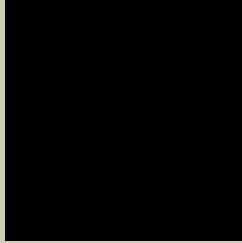
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

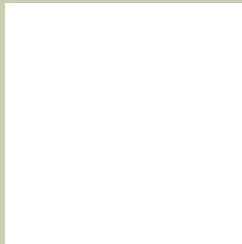
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBCEB4 Background



This preview shows how black text looks on a background with the Hex color CBCEB4.

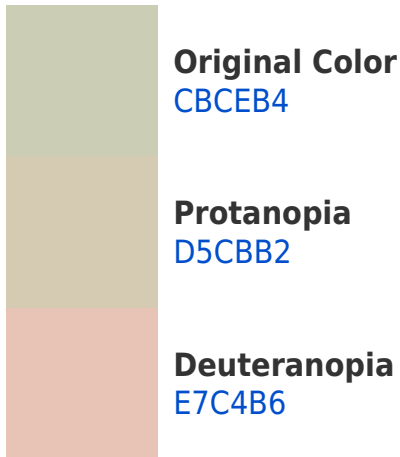


This preview shows how white text looks on a background with the Hex color CBCEB4.

# 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



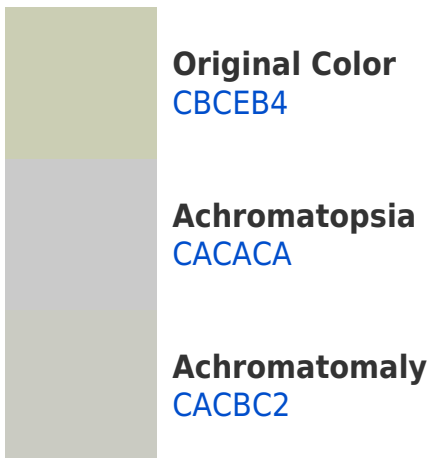


**Tritanopia**  
D0C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBCEB4 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 #CBCEB4 looks like.

```
.text, #text, p{  
    color:#CBCEB4  
}
```

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 #CBCEB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBCEB4  
}
```

## Border

The CSS property to change the border of an element to Hex CBCEB4 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  
#CBCEB4 }
```

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

```
.border{ border-color:#CBCEB4 }
```

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

Here you see how a box with a 4 pixel #CBCEB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBCEB4; -webkit-box-shadow:4px 4px  
4px 4px #CBCEB4; box-shadow:4px 4px 4px  
4px #CBCEB4 }
```

# Background

The CSS property to change the background color of an element to Hex CBCEB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBCEB4 }
```

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

```
.background{ background-color:#CBCEB4 }
```

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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