

# Converting Colors

Hex(CBE8B0)

Have a look what the booklet for  
Hex(CBE8B0) contains.

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# **Color**

**Hex(CBE8B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">CBE8B0</a>
RGB	<a href="#">203, 232, 176</a>
RGB Percent	<a href="#">80%, 91%, 69%</a>
CMY	<a href="#">0.2039, 0.0902, 0.3098</a>
CMYK	<a href="#">0.13, 0.00, 0.24, 0.09</a>
HSL	<a href="#">91°, 55%, 80%</a>
HSV	<a href="#">91°, 24%, 91%</a>
XYZ	<a href="#">61.3217, 73.5443, 52.0378</a>
YIQ	<a href="#">216.9450, 0.6920, -23.5640</a>

# Conversions

## Conversions Part 2

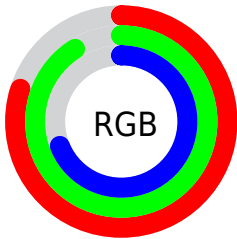
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 232, 205
Decimal	13363376
CIELab	88.71, -19.28, 24.16
CIELCh	89, 30.908, 128.586
Yxy	73.5443, 0.3281, 0.3935
Android (android.graphics.Color)	4291553456 (0xFFCBE8B0)
YUV	216.9450, -20.1859, -12.2298
Hunter-Lab	85.7580, -22.4391, 24.0535

# Details

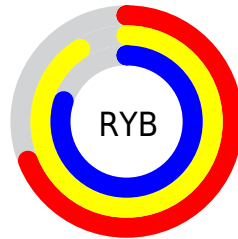
The Hex color **CBE8B0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CDB0E8**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFE8**, and **94B07B** is the 20% darker color. If you saturate the color by 10%, you get **BF8999**, and if you desaturate by 10%, it is **D7E8C7**.

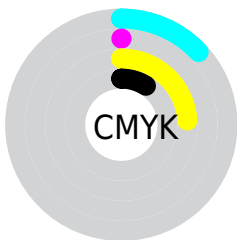
# Distribution



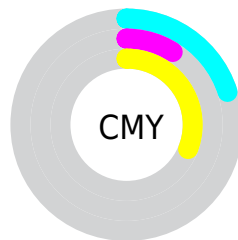
- Red (80%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE8B0 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 CBE8B0 by changing the saturation by 10% instead.



 CBE8B0

FFFFFF


 FFFFE8

 CBE8B0

 AFCC95

 94B07B

 7A9662

 617C4A

 486333

 314B1C

 1A3405

 001F00

 000000

 CBE8B0

 CBE8B0

 BFE899

 D7E8C7

 B3E882

 E3E8DE

 A7E86A

 EFE8F6

 9BE853

 FBE8FF

 8FE83C

 FFE8FF

 83E825

 77E80E

 70E800

# Harmonies

## Analogous

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



ECE0A4



CBE8B0



AAEEC8

# Triad

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



CBE8B0



9FE8FF



FFC9D7

# Complementary

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



CBE8B0



CDB0E8

# 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.



FFCCF5



CBE8B0



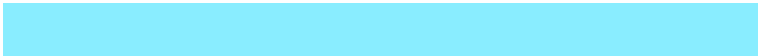
C6DFFF

# Square

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



CBE8B0



89EDFF



EED4FF



FFCDBB

# Rectangle

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



CBE8B0



96EFDC



EED4FF



FFC9E1

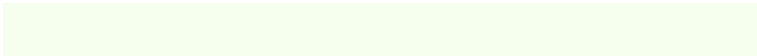


# Sweetspot

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



CBE8B0



F6FFED



E8CDB0



7A8075



000000



808080

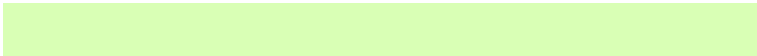


# Same Dimension

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



CBE8B0



D9FFB5



B0E8B1



6D7367



56B300



193300



# Inverse Universe

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



CDB0E8



DBB5FF



E8B0E7



6D6773



5C00B3

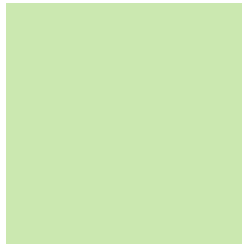


1A0033



# Previews

## White Background



This preview shows how the Hex color CBE8B0 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 CBE8B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

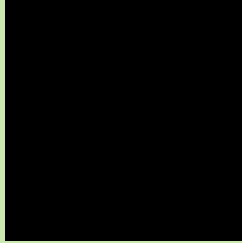
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

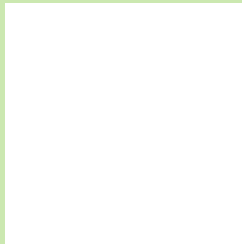
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBE8B0 Background



This preview shows how black text looks on a background with the Hex color CBE8B0.

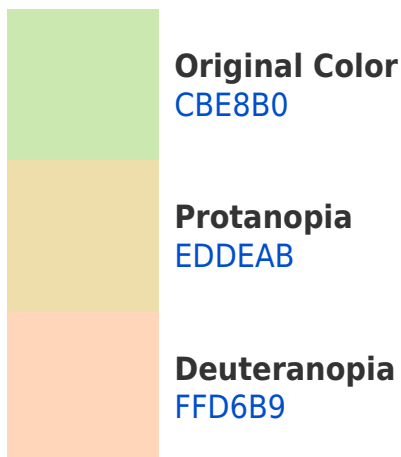


This preview shows how white text looks on a background with the Hex color CBE8B0.

# 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



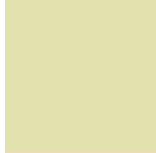


**Tritanopia**  
D5DFF1

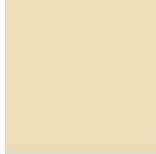
# Trichromacy



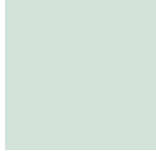
**Original Color**  
CBE8B0



**Protanomaly**  
E1E2AD



**Deuteranomaly**  
ECDDB6

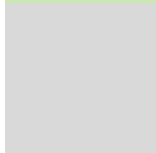


**Tritanomaly**  
D1E2D9

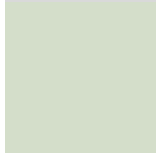
# Monochromacy



**Original Color**  
CBE8B0



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
D4DECA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE8B0 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 #CBE8B0 looks like.

```
.text, #text, p{  
    color:#CBE8B0  
}
```

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 #CBE8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE8B0
}
```

## Border

The CSS property to change the border of an element to Hex CBE8B0 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
#CBE8B0 }
```

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

```
.border{ border-color:#CBE8B0 }
```

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

Here you see how a box with a 4 pixel #CBE8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE8B0; -webkit-box-shadow:4px 4px  
4px 4px #CBE8B0; box-shadow:4px 4px 4px  
4px #CBE8B0 }
```

# Background

The CSS property to change the background color of an element to Hex CBE8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE8B0 }
```

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

```
.background{ background-color:#CBE8B0 }
```

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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