

# Converting Colors

Hex(CEE0A8)

Have a look what the booklet for  
Hex(CEE0A8) contains.

<b>Hex(CEE0A8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CEE0A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEE0A8
RGB	206, 224, 168
RGB Percent	81%, 88%, 66%
CMY	0.1922, 0.1216, 0.3412
CMYK	0.08, 0.00, 0.25, 0.12
HSL	79°, 47%, 77%
HSV	79°, 25%, 88%
XYZ	59.1771, 69.2603, 47.2954
YIQ	212.2340, 7.2480, -21.2320

# Conversions

## Conversions Part 2

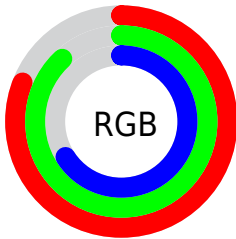
Format	Color
<a href="#">RYB</a>	<a href="#">168, 224, 186</a>
Decimal	<a href="#">13557928</a>
CIELab	<a href="#">86.63, -15.43, 25.49</a>
CIElCh	<a href="#">87, 29.796, 121.199</a>
Yxy	<a href="#">69.2603, 0.3367, 0.3941</a>
Android (android.graphics.Color)	<a href="#">4291748008 (0xFFCEE0A8)</a>
YUV	<a href="#">212.2340, -21.8074, -5.4672</a>
Hunter-Lab	<a href="#">83.2228, -18.7140, 24.5615</a>

# Details

The Hex color **CEE0A8** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **BAA8E0**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFFDF**, and **97A974** is the 20% darker color. If you saturate the color by 10%, you get **C7E092**, and if you desaturate by 10%, it is **D5E0BE**.

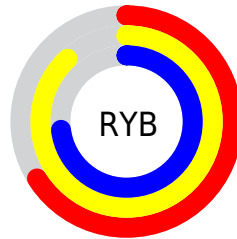
# Distribution



Red (81%)

Green (88%)

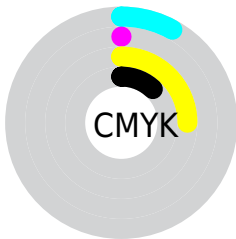
Blue (66%)



Red (66%)

Yellow (88%)

Blue (73%)

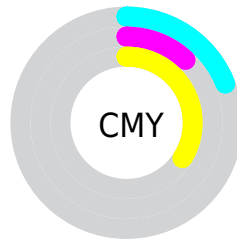


Cyan (8%)

Magenta (0%)

Yellow (25%)

Black (12%)



Cyan (19%)

Magenta (12%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEE0A8 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 CEE0A8 by changing the saturation by 10% instead.



 CEE0A8

 CEE0A8

FFFFFF

 B2C48D

 FFFFDF

 97A974

 FFFFFC

 7D8E5B

 647543

 4B5C2C

 334416

 1E2E00

 001B00

 000000

 CEE0A8

 CEE0A8

 C7E092

 D5E0BE

 C0E07B

 DCE0D5

 B8E065

 E4E0EB

 B1E04E

 EBEOFF

 AAE038

 F2EOFF

 A3E022

 F9EOFF

 9CE00B

 FFE0FF

 98E000

# Harmonies

## Analogous

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



EDD7A0



CEE0A8



AEE6BD

# Triad

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



CEE0A8



95E3FF



FFC4D9

# Complementary

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



CEE0A8



BAA8E0

# Split Complementary

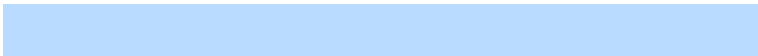
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FEC9F5



CEE0A8



B8DBFF

# Square

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



CEE0A8



86E8F5



DFD1FF



FFC7BD

# Rectangle

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



CEE0A8



9AE8CF



DFD1FF



FFC5E2



# Sweetspot

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



CEE0A8



F8FFEB



E0BAA8



7B8073



000000



808080

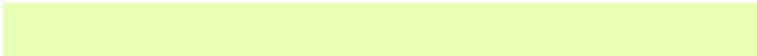


# Same Dimension

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



CEE0A8



E6FFB3



B2E0A8



6D7065



77B000



213000



# Inverse Universe

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



BAA8E0



CBB3FF



D6A8E0



696570



3900B0

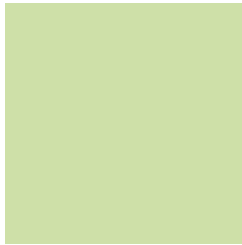


100030



# Previews

## White Background



This preview shows how the Hex color CEE0A8 looks on a white background.

## Color Contrast Check

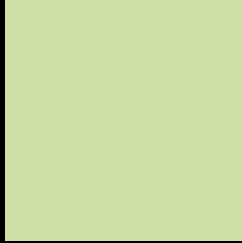
Large Text (above 18pt) WCAG AA × Fail

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 CEE0A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

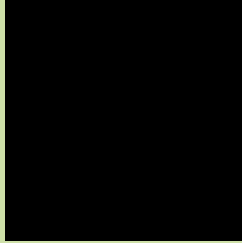
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

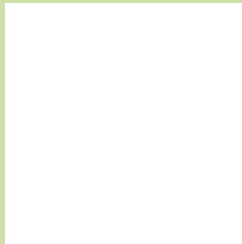
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEE0A8 Background



This preview shows how black text looks on a background with the Hex color CEE0A8.

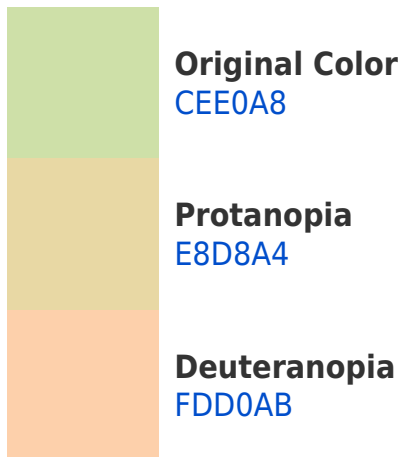


This preview shows how white text looks on a background with the Hex color CEE0A8.

# 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](#).

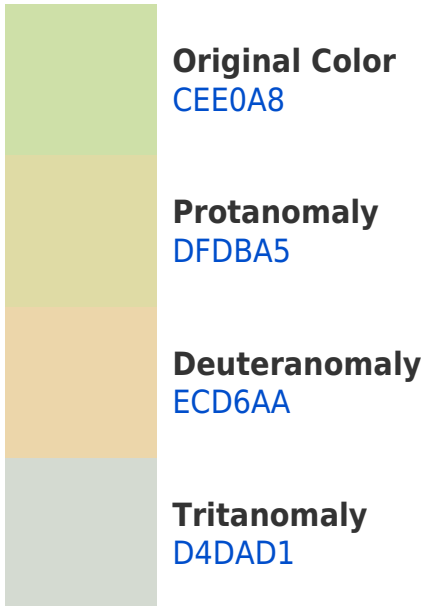
## Dichromacy



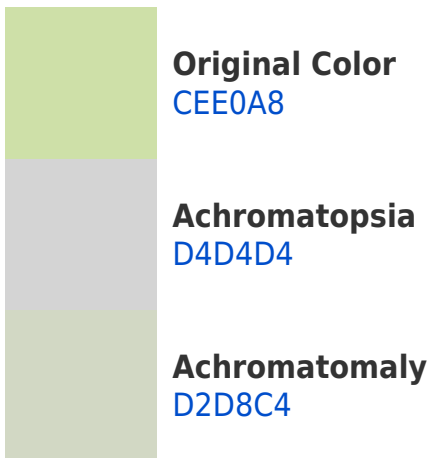


**Tritanopia**  
D7D7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEE0A8 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 #CEE0A8 looks like.

```
.text, #text, p{  
    color:#CEE0A8  
}
```

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 #CEE0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE0A8  
}
```

## Border

The CSS property to change the border of an element to Hex CEE0A8 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  
#CEE0A8 }
```

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

```
.border{ border-color:#CEE0A8 }
```

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

Here you see how a box with a 4 pixel #CEE0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE0A8; -webkit-box-shadow:4px 4px  
4px 4px #CEE0A8; box-shadow:4px 4px 4px  
4px #CEE0A8 }
```

# Background

The CSS property to change the background color of an element to Hex CEE0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE0A8 }
```

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

```
.background{ background-color:#CEE0A8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor