

# Converting Colors

Hex(CEC9B2)

Have a look what the booklet for  
Hex(CEC9B2) contains.

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# **Color**

**Hex(CEC9B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEC9B2
RGB	206, 201, 178
RGB Percent	81%, 79%, 70%
CMY	0.1922, 0.2118, 0.3020
CMYK	0.00, 0.02, 0.14, 0.19
HSL	49°, 22%, 75%
HSV	49°, 14%, 81%
XYZ	54.3761, 58.1095, 50.4698
YIQ	199.8730, 10.3630, -6.0930

# Conversions

## Conversions Part 2

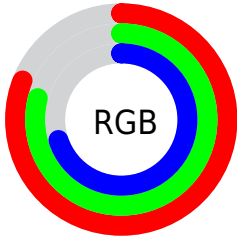
Format	Color
<a href="#">RYB</a>	<a href="#">184, 206, 178</a>
Decimal	<a href="#">13552050</a>
<a href="#">CIELab</a>	<a href="#">80.80, -2.16, 12.11</a>
<a href="#">CIElCh</a>	<a href="#">81, 12.306, 100.131</a>
<a href="#">Yxy</a>	<a href="#">58.1095, 0.3337, 0.3566</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4291742130</a> ( <a href="#">0xFFCEC9B2</a> )
<a href="#">YUV</a>	<a href="#">199.8730, -10.7834, 5.3734</a>
<a href="#">Hunter-Lab</a>	<a href="#">76.2296, -6.0740, 14.1062</a>

# Details

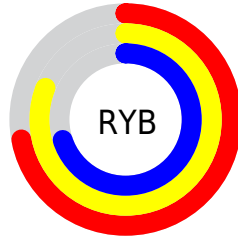
The Hex color **CEC9B2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B2B7CE**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFFEA**, and **98937D** is the 20% darker color. If you saturate the color by 10%, you get **CEC59D**, and if you desaturate by 10%, it is **CECDC7**.

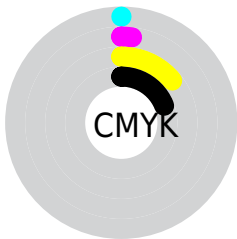
# Distribution



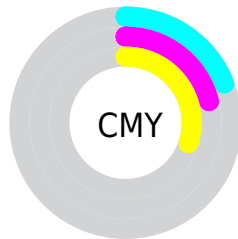
- Red (81%)
- Green (79%)
- Blue (70%)



- Red (72%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC9B2 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 CEC9B2 by changing the saturation by 10% instead.



 CEC9B2

 CEC9B2

FFFFFF

 B2AE97

 FFFFEA

 98937D

 7E7964

 64614C

 4C4936

 353220

 201D0A

 000400

 000000

 CEC9B2

 CEC9B2

 CEC59D

 CECDC7

 CEC289

 CED0DB

 CEBE74

 CED4F0

 CEBA60

 CED8FF

 CEB74B

 CEDBFF

 CEB336

 CEDFFF

 CEAFF22

 CEE3FF

 CEAC0D

 CEE6FF

 CEA900

 CEEAFF

# Harmonies

## Analogous

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



D9C5B3



CEC9B2



C1CCB7

# Triad

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



CEC9B2



ADCED7



DBC2D1

# Complementary

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



CEC9B2



B2B7CE

# 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.



D0C4DA



CEC9B2



B4CCDE

# Square

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



CEC9B2



ADD0CC



C1C8DF



E1C1C5

# Rectangle

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



CEC9B2



B8CEBD



C1C8DF



D8C2D4



# Sweetspot

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



CEC9B2



FFFDF5



CEB2B7



807E79



000000



808080

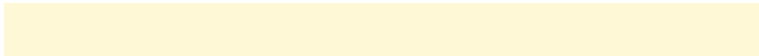


# Same Dimension

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



CEC9B2



FFF8D6



C5CEB2



66645C



A68800



261F00



# Inverse Universe

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



B2B7CE



D6DDFF



BBB2CE



5C5E66



001EA6

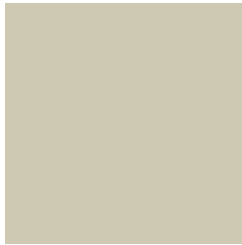


000726



# Previews

## White Background



This preview shows how the Hex color CEC9B2 looks on a white background.

## Color Contrast Check

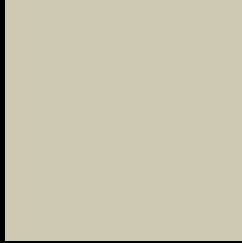
Large Text (above 18pt) WCAG AA × Fail

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 CEC9B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

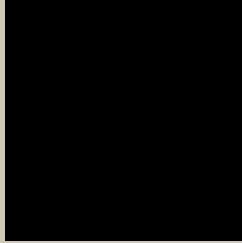
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

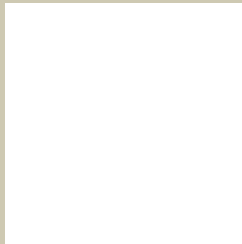
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEC9B2 Background



This preview shows how black text looks on a background with the Hex color CEC9B2.

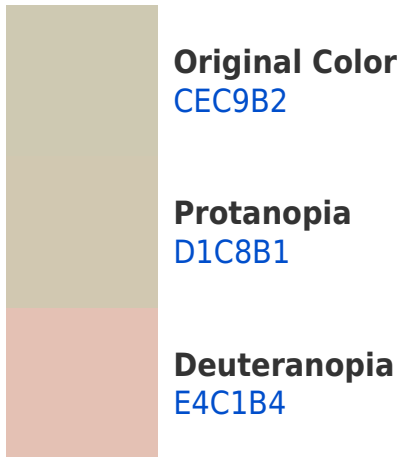


This preview shows how white text looks on a background with the Hex color CEC9B2.

# 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**  
D3C4D4

# Trichromacy



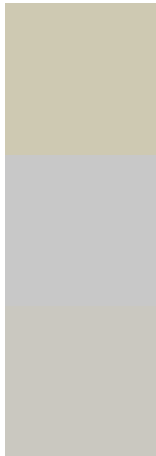
**Original Color**  
CEC9B2

**Protanomaly**  
D0C8B1

**Deuteranomaly**  
DCC4B3

**Tritanomaly**  
D1C6C8

# Monochromacy



**Original Color**  
CEC9B2

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
CAC8C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC9B2 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 #CEC9B2 looks like.

```
.text, #text, p{  
    color:#CEC9B2  
}
```

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 #CEC9B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC9B2
}
```

## Border

The CSS property to change the border of an element to Hex CEC9B2 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
#CEC9B2 }
```

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

```
.border{ border-color:#CEC9B2 }
```

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

Here you see how a box with a 4 pixel #CEC9B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC9B2; -webkit-box-shadow:4px 4px  
4px 4px #CEC9B2; box-shadow:4px 4px 4px  
4px #CEC9B2 }
```

# Background

The CSS property to change the background color of an element to Hex CEC9B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC9B2 }
```

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

```
.background{ background-color:#CEC9B2 }
```

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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