

# Converting Colors

Hex(CEC797)

Have a look what the booklet for  
Hex(CEC797) contains.

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# **Color**

**Hex(CEC797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC797
RGB	206, 199, 151
RGB Percent	81%, 78%, 59%
CMY	0.1922, 0.2196, 0.4078
CMYK	0.00, 0.03, 0.27, 0.19
HSL	52°, 36%, 70%
HSV	52°, 27%, 81%
XYZ	51.4629, 56.2030, 37.4140
YIQ	195.6210, 19.5800, -13.4440

# Conversions

## Conversions Part 2

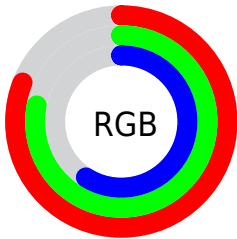
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 206, 151
Decimal	13551511
CIELab	79.73, -5.10, 24.97
CIELCh	80, 25.482, 101.545
Yxy	56.2030, 0.3547, 0.3874
Android (android.graphics.Color)	4291741591 (0xFFCEC797)
YUV	195.6210, -21.9982, 9.1024
Hunter-Lab	74.9687, -8.6622, 22.8887

# Details

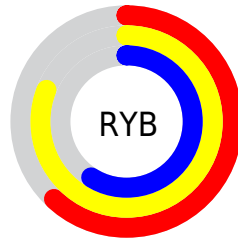
The Hex color **CEC797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **979ECE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFFCD**, and **979164** is the 20% darker color. If you saturate the color by 10%, you get **CEC482**, and if you desaturate by 10%, it is **CECAAC**.

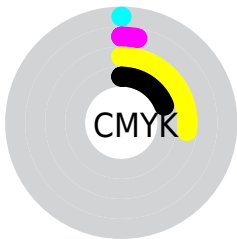
# Distribution



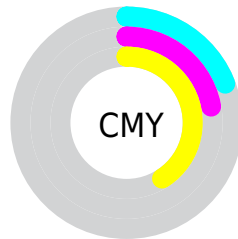
- Red (81%)
- Green (78%)
- Blue (59%)



- Red (62%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (27%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC797 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 CEC797 by changing the saturation by 10% instead.





CEC797



CEC797

FFFFFF



B2AC7D



FFFCD



979164



FFFEEA



7D784B



635F34



4B471E



333107



1D1C00



000000



CEC797



CEC797

 CEC482

 CECAAC

 CEC26E

 CECCCC

 CEBF59

 CECFD5

 CEBD45

 CED1E9

 CEBA30

 CED4FE

 CEB71B

 CED7FF

 CEB507

 CED9FF

 CEB400

 CEDCFF

 CEDFFF

# Harmonies

## Analogous

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



E5BF99



CEC797



B3CEA2

# Triad

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



CEC797



84D1E4



ECB6D5

# Complementary

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



CEC797



979ECE

# 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.



D5BCE9



CEC797



97CCF2

# Square

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



CEC797



86D3CE



B6C5F4



F6B5BD

# Rectangle

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



CEC797



A1D1AE



B6C5F4



E5B8DD

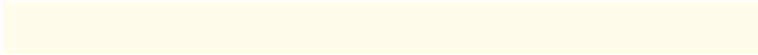


# Sweetspot

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



CEC797



FFFCEB



CE979E



807E73



000000



808080

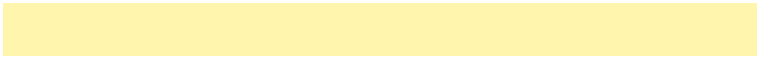


# Same Dimension

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



CEC797



FFF5AD



BACE97



66655C



A69100



262100



# Inverse Universe

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



979ECE



ADB8FF



AB97CE



5C5D66



0015A6

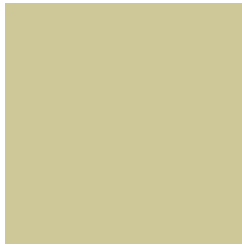


000526



# Previews

## White Background



This preview shows how the Hex color CEC797 looks on a white background.

## Color Contrast Check

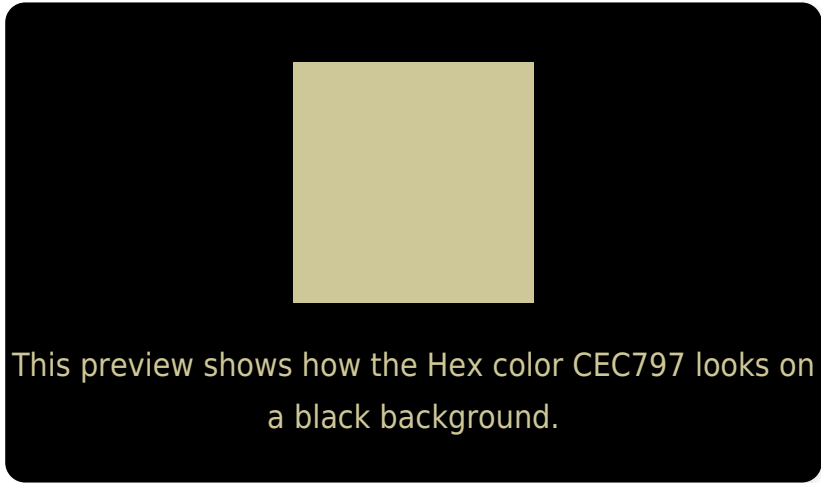
Large Text (above 18pt) WCAG AA × Fail

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

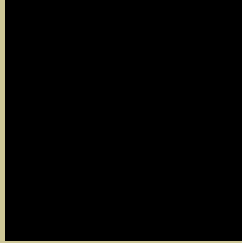
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

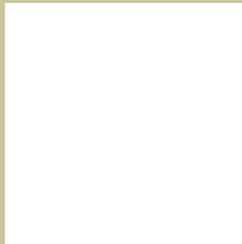
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEC797 Background



This preview shows how black text looks on a background with the Hex color CEC797.



This preview shows how white text looks on a background with the Hex color CEC797.

# 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](#).

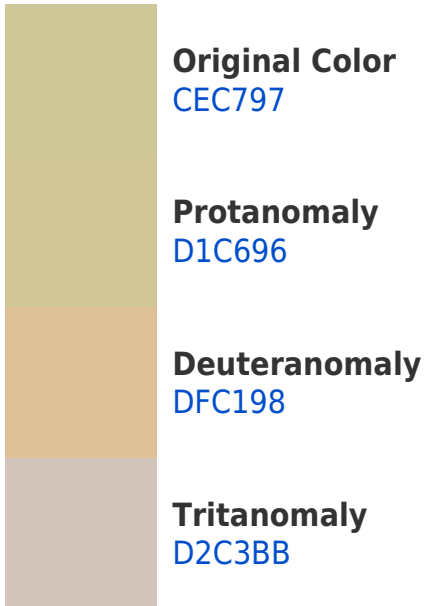
## Dichromacy





**Tritanopia**  
D5C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC797 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 #CEC797 looks like.

```
.text, #text, p{  
    color:#CEC797  
}
```

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 #CEC797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC797
}
```

## Border

The CSS property to change the border of an element to Hex CEC797 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
#CEC797 }
```

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

```
.border{ border-color:#CEC797 }
```

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

Here you see how a box with a 4 pixel #CEC797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC797; -webkit-box-shadow:4px 4px  
4px 4px #CEC797; box-shadow:4px 4px 4px  
4px #CEC797 }
```

# Background

The CSS property to change the background color of an element to Hex CEC797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC797 }
```

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

```
.background{ background-color:#CEC797 }
```

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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