

# Converting Colors

Hex(CEBAA0)

Have a look what the booklet for  
Hex(CEBAA0) contains.

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# **Color**

**Hex(CEBAA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEBAA0
RGB	206, 186, 160
RGB Percent	81%, 73%, 63%
CMY	0.1922, 0.2706, 0.3725
CMYK	0.00, 0.10, 0.22, 0.19
HSL	34°, 32%, 72%
HSV	34°, 22%, 81%
XYZ	49.3577, 50.7777, 40.4574
YIQ	189.0160, 20.2660, -3.8460

# Conversions

## Conversions Part 2

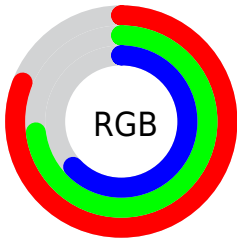
Format	Color
<a href="#">RYB</a>	<a href="#">195, 206, 160</a>
Decimal	<a href="#">13548192</a>
CIELab	<a href="#">76.54, 2.99, 15.78</a>
CIELCh	<a href="#">77, 16.057, 79.253</a>
Yxy	<a href="#">50.7777, 0.3511, 0.3612</a>
Android (android.graphics.Color)	<a href="#">4291738272 (0xFFCEBAA0)</a>
YUV	<a href="#">189.0160, -14.3049, 14.8950</a>
Hunter-Lab	<a href="#">71.2585, -1.0631, 16.2187</a>

# Details

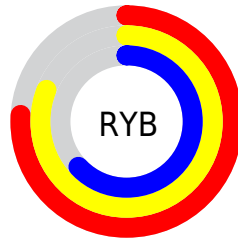
The Hex color **CEBAA0** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A0B4CE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF2D7**, and **97856C** is the 20% darker color. If you saturate the color by 10%, you get **CEB18B**, and if you desaturate by 10%, it is **CEC3B5**.

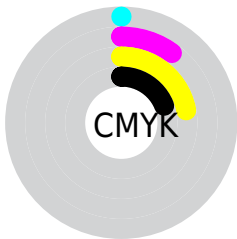
# Distribution



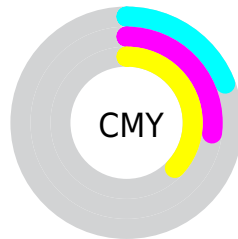
- Red (81%)
- Green (73%)
- Blue (63%)



- Red (76%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEBA00 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 CEBA00 by changing the saturation by 10% instead.



 CEBA00

 CEBA00

FFFFFF

 B29F86

 FFF2D7

 97856C

 FFFFF3

 7D6C54

 64543D

 4B3D27

 342712

 1F1200

 000000

 CEBA00

 CEBA00

 CEB18B

 CEC3B5

 CEA877

 CECCC9

 CE9F62

 CED5DE

 CE964E

 CEDEF2

 CE8D39

 CEE7FF

 CE8424

 CEF0FF

 CE7B10

 CEF9FF

 CE7400

 CEFFFF

# Harmonies

## Analogous

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



D9B6A7



CEBAA0



BEBFA1

# Triad

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



CEBAA0



97C5C6



CBB6D0

# Complementary

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



CEBAA0



A0B4CE

# 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.



B9BBD9



CEBAA0



99C4D3

# Square

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



CEBAA0



9FC5B7



A6C0DA



D8B3C3

# Rectangle

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



CEBAA0



B3C2A6



A6C0DA



C5B8D4



# Sweetspot

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



CEBAA0



FFF7ED



CEA0B5



807B75



000000



808080



# Same Dimension

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



CEBAA0



FFE1BA



CCCEA0



66625C



A65E00



261600



# Inverse Universe

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



A0B4CE



BAD8FF



A2A0CE



5C6066



0048A6



001126



# Previews

## White Background



This preview shows how the Hex color CEBA00 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

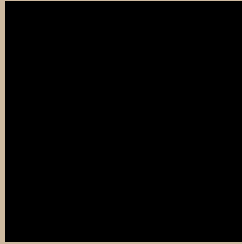
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

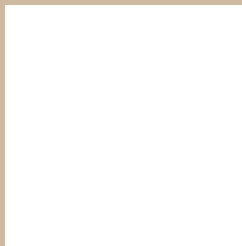
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEBA00 Background



This preview shows how black text looks on a background with the Hex color CEBA00.

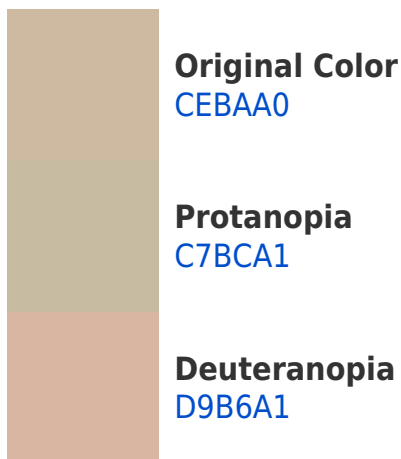


This preview shows how white text looks on a background with the Hex color CEBA00.

# 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](#).

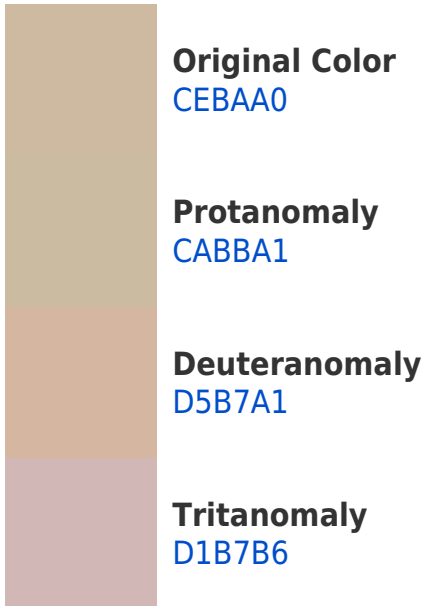
## Dichromacy





**Tritanopia**  
D2B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEBA00 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 #CEBA00 looks like.

```
.text, #text, p{  
    color:#CEBA00  
}
```

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 #CEBAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEBAA0  
}
```

## Border

The CSS property to change the border of an element to Hex CEBAA0 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  
#CEBAA0 }
```

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

```
.border{ border-color:#CEBAA0 }
```

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

Here you see how a box with a 4 pixel #CEBAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEBAA0; -webkit-box-shadow:4px 4px  
4px 4px #CEBAA0; box-shadow:4px 4px 4px  
4px #CEBAA0 }
```

# Background

The CSS property to change the background color of an element to Hex CEBA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEBA00 }
```

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

```
.background{ background-color:#CEBA00 }
```

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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