

# Converting Colors

Hex(CEAE5B)

Have a look what the booklet for  
Hex(CEAE5B) contains.

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# **Color**

**Hex(CEAE5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEAE5B
RGB	206, 174, 91
RGB Percent	81%, 68%, 36%
CMY	0.1922, 0.3176, 0.6431
CMYK	0.00, 0.16, 0.56, 0.19
HSL	43°, 54%, 58%
HSV	43°, 56%, 81%
XYZ	42.4780, 44.1492, 16.1804
YIQ	174.1060, 45.7150, -19.0290

# Conversions

## Conversions Part 2

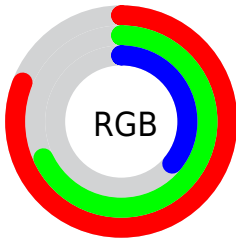
Format	Color
<a href="#">RYB</a>	<a href="#">135, 206, 91</a>
Decimal	<a href="#">13545051</a>
CIELab	<a href="#">72.33, 1.55, 46.35</a>
CIELCh	<a href="#">72, 46.381, 88.082</a>
Yxy	<a href="#">44.1492, 0.4132, 0.4294</a>
Android (android.graphics.Color)	<a href="#">4291735131</a> ( <a href="#">0xFFCEAE5B</a> )
YUV	<a href="#">174.1060, -40.9713, 27.9710</a>
Hunter-Lab	<a href="#">66.4449, -2.1642, 32.0734</a>

# Details

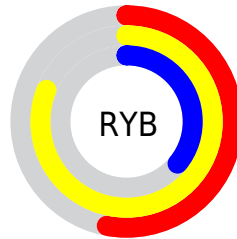
The Hex color **CEAE5B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5B7BCE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE58F**, and **957A29** is the 20% darker color. If you saturate the color by 10%, you get **CEA846**, and if you desaturate by 10%, it is **CEB470**.

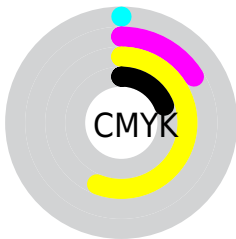
# Distribution



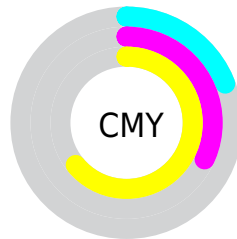
- Red (81%)
- Green (68%)
- Blue (36%)



- Red (53%)
- Yellow (81%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEAE5B 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 CEAE5B by changing the saturation by 10% instead.



 CEAE5B

 CEAE5B

FFFFFF

 B19442

 FFE58F

 957A29

 FFFFAA

 79610C

 FFFFC6

 5F4A00

 FFFFEE3

 453300

 2B1F00

 100700

 000000

 CEAE5B

 CEAE5B

 CEA846

 CEB470

 CEA332

 CEB984

 CE9D1D

 CEBF99

 CE9709

 CEC5AD

 CE9500

 CECBC2

 CED0D7

 CED6EB

 CEDCFF

 CEE2FF

# Harmonies

## Analogous

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



EF9F6A



CEAE5B



A3BB64

# Triad

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



CEAE5B



00C7D8



E498DF

# Complementary

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



CEAE5B



5B7BCE

# 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.



B1A7FC



CEAE5B



00C1F8

# Square

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



CEAE5B



1AC7AD



66B7FF



FE8FB6

# Rectangle

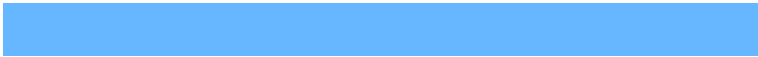
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEAE5B



82C177



66B7FF



D59DEA



# Sweetspot

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



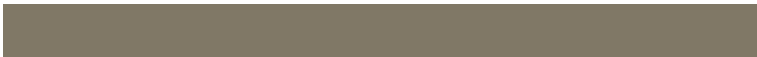
CEAE5B



FFF3D4



CE5B7C



807866



000000



808080



# Same Dimension

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



CEAE5B



FFCF54



B5CE5B



66635C



A67800



261C00



# Inverse Universe

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



5B7BCE



5484FF



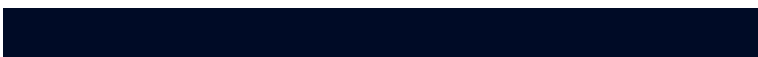
745BCE



5C5F66



002EA6

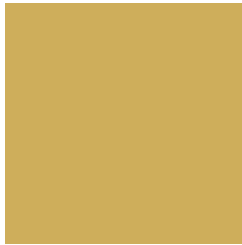


000B26



# Previews

## White Background



This preview shows how the Hex color CEAE5B looks on a white background.

## Color Contrast Check

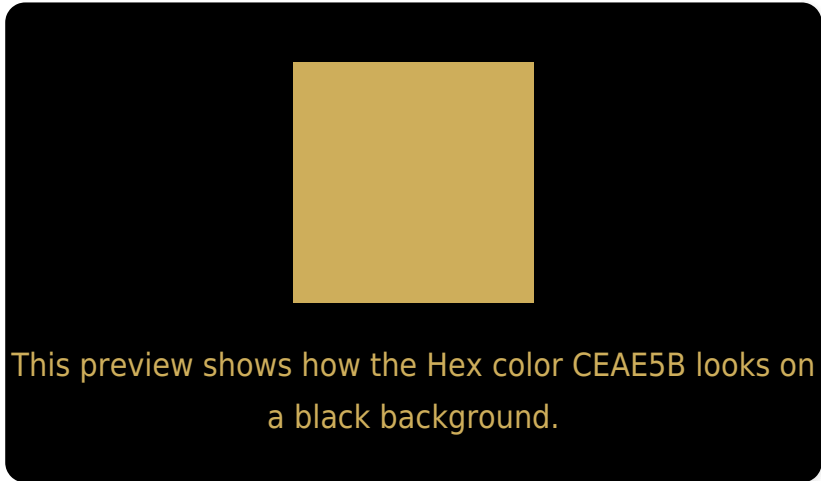
Large Text (above 18pt) WCAG AA × Fail

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 CEAE5B Background



This preview shows how black text looks on a background with the Hex color CEAE5B.

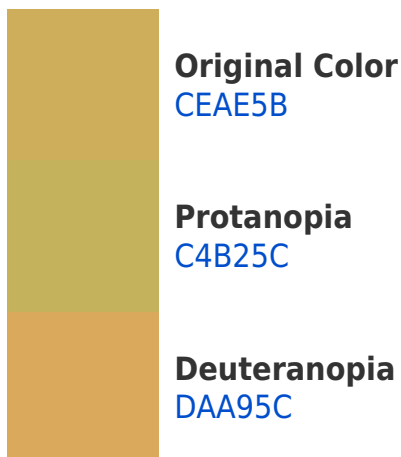


This preview shows how white text looks on a background with the Hex color CEAE5B.

# 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](#).

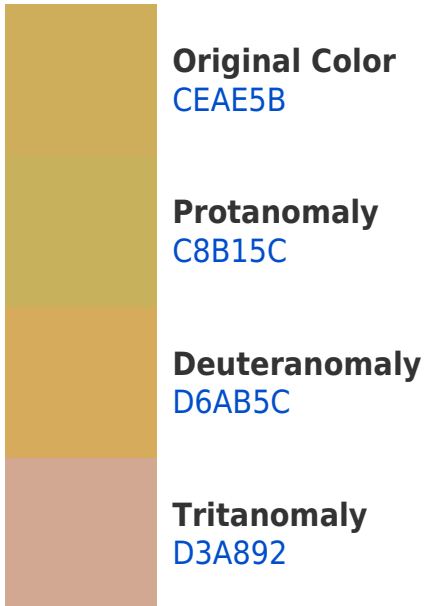
## Dichromacy





**Tritanopia**  
D6A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEAE5B 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 #CEAE5B looks like.

```
.text, #text, p{  
    color:#CEAE5B  
}
```

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 #CEAE5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAE5B  
}
```

## Border

The CSS property to change the border of an element to Hex CEAE5B 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  
#CEAE5B }
```

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

```
.border{ border-color:#CEAE5B }
```

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

Here you see how a box with a 4 pixel #CEAE5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAE5B; -webkit-box-shadow:4px 4px  
4px 4px #CEAE5B; box-shadow:4px 4px 4px  
4px #CEAE5B }
```

# Background

The CSS property to change the background color of an element to Hex CEAE5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAE5B }
```

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

```
.background{ background-color:#CEAE5B }
```

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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