

Converting Colors

Hex(CEAB56)

Have a look what the booklet for
Hex(CEAB56) contains.

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Color

Hex(CEAB56)

Conversions

Conversions Part 1

Format	Color
Hex	CEAB56
RGB	206, 171, 86
RGB Percent	81%, 67%, 34%
CMY	0.1922, 0.3294, 0.6627
CMYK	0.00, 0.17, 0.58, 0.19
HSL	42°, 55%, 57%
HSV	42°, 58%, 81%
XYZ	41.6962, 42.9195, 14.8908
YIQ	171.7750, 48.1450, -19.0150

Conversions

Conversions Part 2

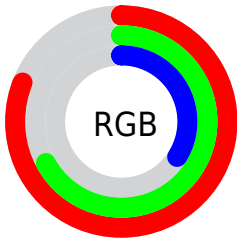
Format	Color
RYB	135, 206, 86
Decimal	13544278
CIELab	71.50, 2.76, 47.82
CIELCh	72, 47.900, 86.695
Yxy	42.9195, 0.4190, 0.4313
Android (android.graphics.Color)	4291734358 (0xFFCEAB56)
YUV	171.7750, -42.2871, 30.0153
Hunter-Lab	65.5130, -1.0401, 32.3828

Details

The Hex color **CEAB56** 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 **5679CE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE28A**, and **957723** is the 20% darker color. If you saturate the color by 10%, you get **CEA541**, and if you desaturate by 10%, it is **CEB16B**.

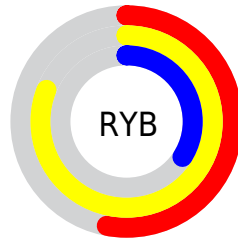
Distribution



Red (81%)

Green (67%)

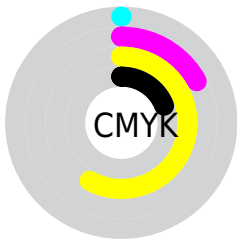
Blue (34%)



Red (53%)

Yellow (81%)

Blue (34%)

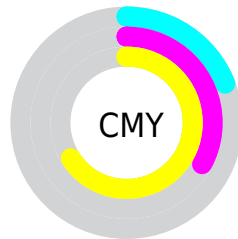


Cyan (0%)

Magenta (17%)

Yellow (58%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEAB56 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 CEAB56 by changing the saturation by 10% instead.

 CEAB56

 CEAB56

FFFFFF

 B1913D

 FFE28A

 957723

 FFFFA5

 795F04

 FFFFC1

 5E4700

 FFFFDD

 443100

 FFFFFA

 2A1C00

 0F0300

 000000

 CEAB56

 CEAB56

 CEA541

 CEB16B

 CE9F2D

 CEB77F

 CE9918

 CEBD94

 CE9304

 CEC3A8

 CE9200

 CEC9BD

 CECFD2

 CED5E6

 CEDBFB

 CEE1FF

Harmonies

Analogous

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



EF9B67



CEAB56



A2B85E

Triad

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



CEAB56



00C5D5



E195E0

Complementary

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



CEAB56



5679CE

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.



ABA6FD



CEAB56



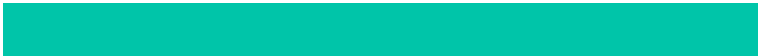
00C0F7

Square

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



CEAB56



00C5A9



5AB5FF



FD8BB6

Rectangle

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



CEAB56



80BF71



5AB5FF



D29AEB

Sweetspot

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



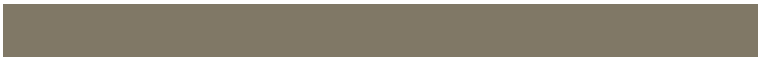
CEAB56



FFF2D4



CE567A



807866



000000



808080

Same Dimension

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



CEAB56



FFCB4D



B6CE56



66635C



A67500



261B00

Inverse Universe

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



5679CE



4D81FF



6E56CE



5C5F66



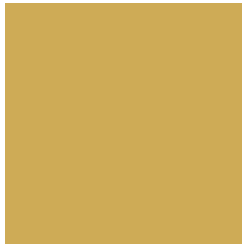
0030A6



000B26

Previews

White Background



This preview shows how the Hex color CEAB56 looks on a white background.

Color Contrast Check

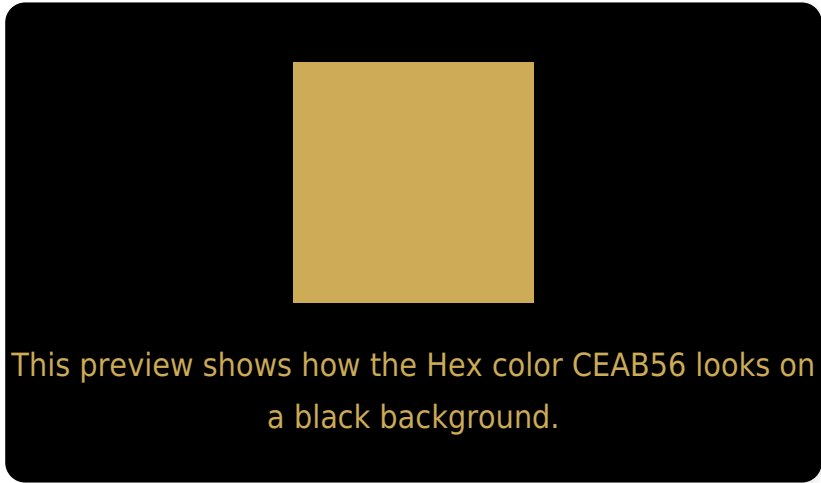
Large Text (above 18pt) WCAG AA × Fail

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 CEAB56 Background



This preview shows how black text looks on a background with the Hex color CEAB56.

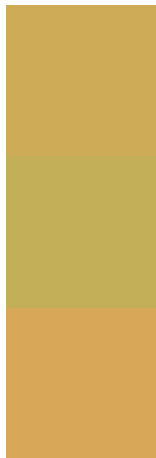


This preview shows how white text looks on a background with the Hex color CEAB56.

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



Original Color
CEAB56

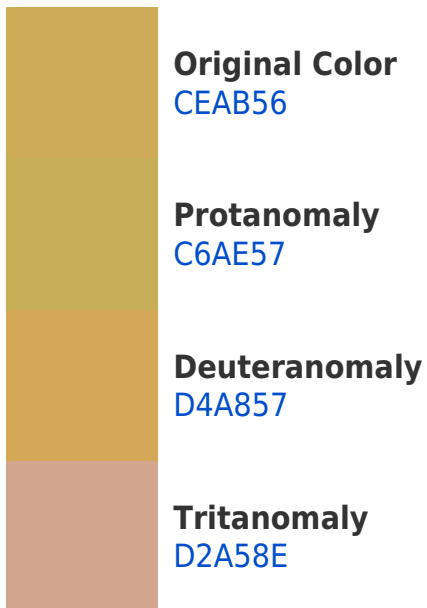
Protanopia
C2AF57

Deuteranopia
D8A757

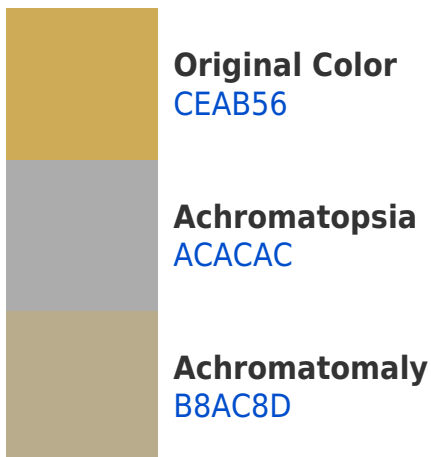


Tritanopia
D5A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEAB56 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 #CEAB56 looks like.

```
.text, #text, p{  
    color:#CEAB56  
}
```

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 #CEAB56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAB56
}
```

Border

The CSS property to change the border of an element to Hex CEAB56 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
#CEAB56 }
```

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

```
.border{ border-color:#CEAB56 }
```

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

Here you see how a box with a 4 pixel #CEAB56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAB56; -webkit-box-shadow:4px 4px  
4px 4px #CEAB56; box-shadow:4px 4px 4px  
4px #CEAB56 }
```

Background

The CSS property to change the background color of an element to Hex CEAB56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAB56 }
```

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

```
.background{ background-color:#CEAB56 }
```

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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