

Converting Colors

Hex(CEAB64)

Have a look what the booklet for
Hex(CEAB64) contains.

Hex(CEAB64)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CEAB64)

Conversions

Conversions Part 1

Format	Color
Hex	CEAB64
RGB	206, 171, 100
RGB Percent	81%, 67%, 39%
CMY	0.1922, 0.3294, 0.6078
CMYK	0.00, 0.17, 0.51, 0.19
HSL	40°, 52%, 60%
HSV	40°, 51%, 81%
XYZ	42.3168, 43.1677, 18.1585
YIQ	173.3710, 43.6510, -14.6610

Conversions

Conversions Part 2

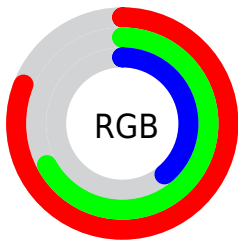
Format	Color
RYB	152, 206, 100
Decimal	13544292
CIELab	71.67, 3.91, 41.07
CIELCh	72, 41.252, 84.560
Yxy	43.1677, 0.4083, 0.4165
Android (android.graphics.Color)	4291734372 (0xFFCEAB64)
YUV	173.3710, -36.1719, 28.6156
Hunter-Lab	65.7022, -0.0124, 29.6052

Details

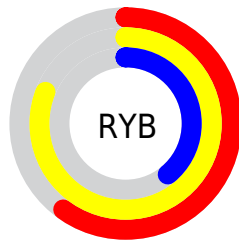
The Hex color **CEAB64** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6487CE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE298**, and **957733** is the 20% darker color. If you saturate the color by 10%, you get **CEA44F**, and if you desaturate by 10%, it is **CEB279**.

Distribution



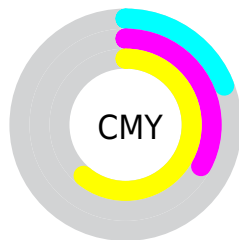
- Red (81%)
- Green (67%)
- Blue (39%)



- Red (60%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (33%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEAB64 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 CEAB64 by changing the saturation by 10% instead.

 CEAB64

 CEAB64

FFFFFF

 B1914B

 FFE298

 957733

 FFFFB3

 7A5E1A

 FFFFCE

 5F4700

 FFFFEC

 463100

 2C1C00

 120300

 000000

 CEAB64

 CEAB64

 CEA44F

 CEB279

 CE9D3B

 CEB98D

 CE9726

 CEBFA2

 CE9012

 CEC6B6

 CE8A00

 CECD CB

 CED4E0

 CEDBF4

 CEE1FF

 CEE8FF

Harmonies

Analogous

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



EA9E74



CEAB64



A8B76A

Triad

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



CEAB64



00C3CE



D89BDC

Complementary

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



CEAB64



6487CE

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.



AAA8F4



CEAB64



04BFEC

Square

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



CEAB64



46C3A7



6AB5FA



F392B8

Rectangle

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



CEAB64



8CBD79



6AB5FA



CB9FE5

Sweetspot

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



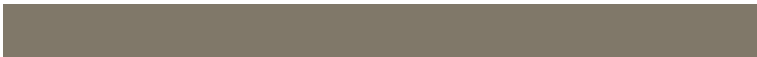
CEAB64



FFF2D9



CE6487



807869



000000



808080

Same Dimension

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



CEAB64



FFCB61



BCCE64



66635C



A66F00



261A00

Inverse Universe

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



6487CE



6195FF



7664CE



5C5F66



0037A6



000D26

Previews

White Background



This preview shows how the Hex color CEAB64 looks on a white background.

Color Contrast Check

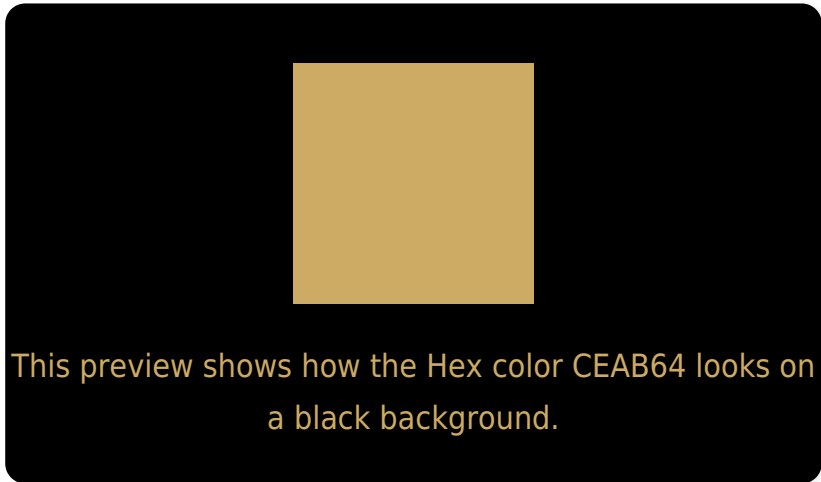
Large Text (above 18pt) WCAG AA × Fail

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 CEAB64 Background



This preview shows how black text looks on a background with the Hex color CEAB64.

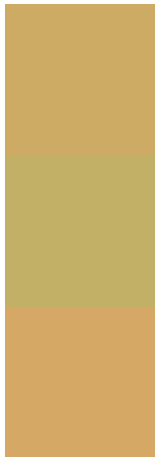


This preview shows how white text looks on a background with the Hex color CEAB64.

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
CEAB64

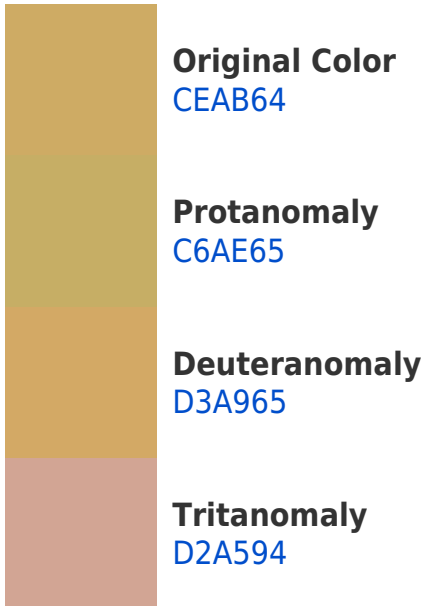
Protanopia
C1B066

Deuteranopia
D6A865

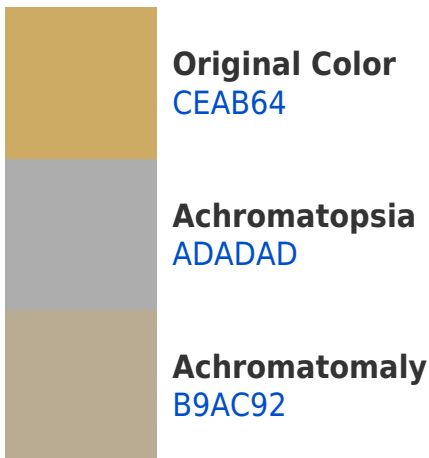


Tritanopia
D5A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEAB64 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 #CEAB64 looks like.

```
.text, #text, p{  
    color:#CEAB64  
}
```

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 #CEAB64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEAB64
}
```

Border

The CSS property to change the border of an element to Hex CEAB64 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
#CEAB64 }
```

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

```
.border{ border-color:#CEAB64 }
```

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

Here you see how a box with a 4 pixel #CEAB64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEAB64; -webkit-box-shadow:4px 4px  
4px 4px #CEAB64; box-shadow:4px 4px 4px  
4px #CEAB64 }
```

Background

The CSS property to change the background color of an element to Hex CEAB64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEAB64 }
```

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

```
.background{ background-color:#CEAB64 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor