

Converting Colors

Hex(CBA46E)

Have a look what the booklet for
Hex(CBA46E) contains.

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Color

Hex(CBA46E)

Conversions

Conversions Part 1

Format	Color
Hex	CBA46E
RGB	203, 164, 110
RGB Percent	80%, 64%, 43%
CMY	0.2039, 0.3569, 0.5686
CMYK	0.00, 0.19, 0.46, 0.20
HSL	35°, 47%, 61%
HSV	35°, 46%, 80%
XYZ	40.7185, 40.3732, 20.3986
YIQ	169.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

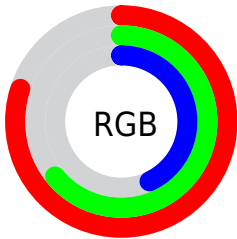
Format	Color
RYB	177, 203, 110
Decimal	13345902
CIELab	69.73, 7.38, 33.38
CIElCh	70, 34.184, 77.534
Yxy	40.3732, 0.4012, 0.3978
Android (android.graphics.Color)	4291535982 (0xFFCBA46E)
YUV	169.5050, -29.3360, 29.3751
Hunter-Lab	63.5399, 3.1940, 25.4438

Details

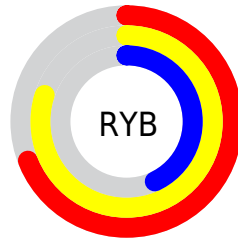
The Hex color **CBA46E** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6E95CB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDBA2**, and **93703D** is the 20% darker color. If you saturate the color by 10%, you get **CB9B5A**, and if you desaturate by 10%, it is **CBAD82**.

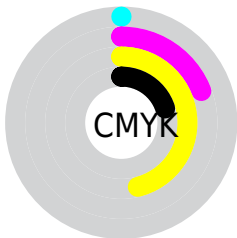
Distribution



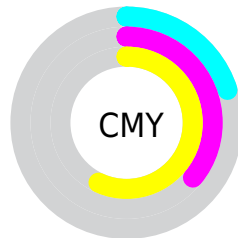
- Red (80%)
- Green (64%)
- Blue (43%)



- Red (69%)
- Yellow (80%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA46E 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 CBA46E by changing the saturation by 10% instead.

 CBA46E

 CBA46E

FFFFFF

 AF8A55

 FFDBA2

 93703D

 FFF7BE

 785826

 FFFFFDA

 5D410F

 FFFFF6

 442B00

 2B1600

 0F0000

 000000

 CBA46E

 CBA46E

 CB9B5A

 CBAD82

 CB9345

 CBB597

 CB8A31

 CBBEAB

 CB821D

 CBC6BF

 CB7909

 CBCFD4

 CB7600

 CBD7E8

 CBE0FC

 CBE8FF

 CBF1FF

Harmonies

Analogous

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



E09A7E



CBA46E



ADAE6E

Triad

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



CBA46E



42BBBC



C59CD4

Complementary

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



CBA46E



6E95CB

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.



9CA7E5



CBA46E



41B8D7

Square

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



CBA46E



64BA9C



6BB1E6



DF94B9

Rectangle

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



CBA46E



96B478



6BB1E6



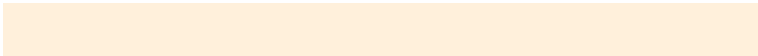
B8A0DC

Sweetspot

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



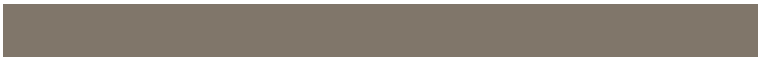
CBA46E



FFF0DB



CB6E96



80766A



000000



808080

Same Dimension

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



CBA46E



FFC473



C5CB6E



66625C



A66000



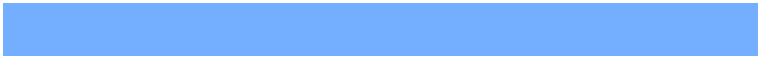
261600

Inverse Universe

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



6E95CB



73AEFF



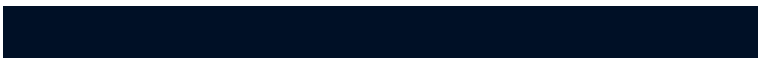
746ECB



5C6066



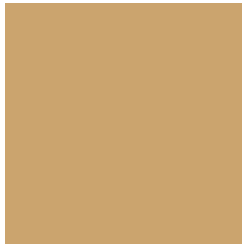
0046A6



001026

Previews

White Background



This preview shows how the Hex color CBA46E looks on a white background.

Color Contrast Check

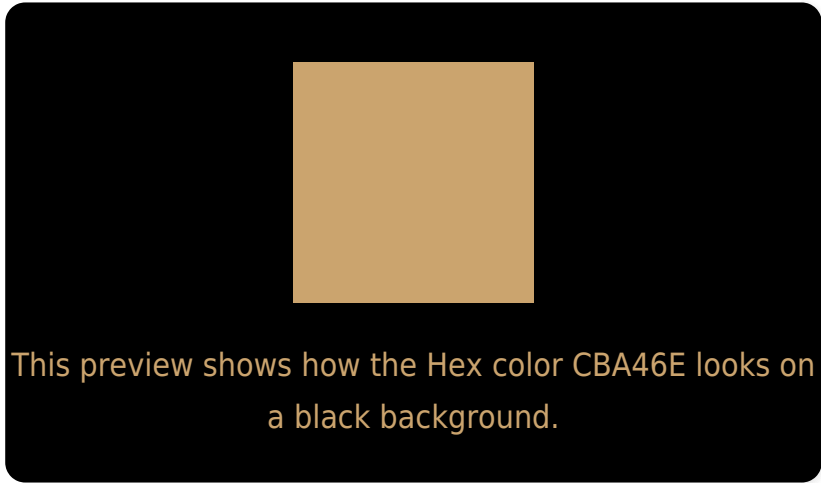
Large Text (above 18pt) WCAG AA × Fail

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

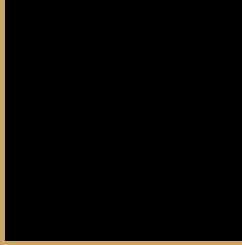
Any Text WCAG AA ✓ Pass

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 CBA46E Background



This preview shows how black text looks on a background with the Hex color CBA46E.



This preview shows how white text looks on a background with the Hex color CBA46E.

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
CBA46E

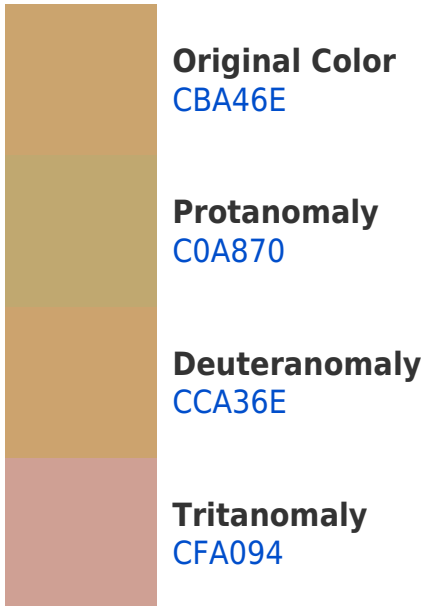
Protanopia
B9AB71

Deuteranopia
CDA36E

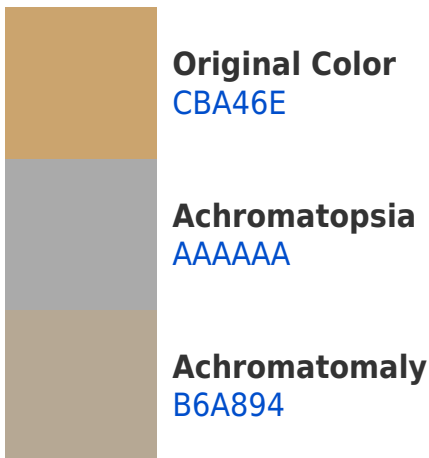


Tritanopia
D19DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBA46E 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 #CBA46E looks like.

```
.text, #text, p{  
    color:#CBA46E  
}
```

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 #CBA46E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA46E  
}
```

Border

The CSS property to change the border of an element to Hex CBA46E 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  
#CBA46E }
```

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

```
.border{ border-color:#CBA46E }
```

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

Here you see how a box with a 4 pixel #CBA46E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA46E; -webkit-box-shadow:4px 4px  
4px 4px #CBA46E; box-shadow:4px 4px 4px  
4px #CBA46E }
```

Background

The CSS property to change the background color of an element to Hex CBA46E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA46E }
```

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

```
.background{ background-color:#CBA46E }
```

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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