

Converting Colors

Hex(CBA75C)

Have a look what the booklet for
Hex(CBA75C) contains.

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Color

Hex(CBA75C)

Conversions

Conversions Part 1

Format	Color
Hex	CBA75C
RGB	203, 167, 92
RGB Percent	80%, 65%, 36%
CMY	0.2039, 0.3451, 0.6392
CMYK	0.00, 0.18, 0.55, 0.20
HSL	41°, 52%, 58%
HSV	41°, 55%, 80%
XYZ	40.3791, 41.1066, 15.9314
YIQ	169.2140, 45.5310, -15.6930

Conversions

Conversions Part 2

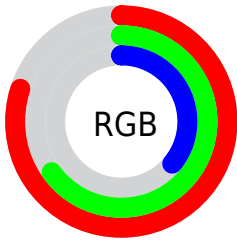
Format	Color
RYB	145, 203, 92
Decimal	13346652
CIELab	70.25, 4.10, 43.32
CIELCh	70, 43.513, 84.587
Yxy	41.1066, 0.4145, 0.4220
Android (android.graphics.Color)	4291536732 (0xFFCBA75C)
YUV	169.2140, -38.0665, 29.6303
Hunter-Lab	64.1145, 0.2184, 30.1475

Details

The Hex color **CBA75C** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5C80CB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE90**, and **92732A** is the 20% darker color. If you saturate the color by 10%, you get **CBA048**, and if you desaturate by 10%, it is **CBAE70**.

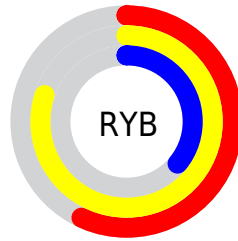
Distribution



Red (80%)

Green (65%)

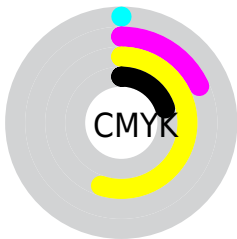
Blue (36%)



Red (57%)

Yellow (80%)

Blue (36%)

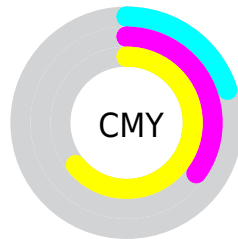


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBA75C 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 CBA75C by changing the saturation by 10% instead.

 CBA75C

 CBA75C

FFFFFF

 AE8D43

 FFDE90

 92732A

 FFFAAB

 775B10

 FFFFC7

 5C4400

 FFFFE3

 422E00

 291900

 0C0000

 000000

 CBA75C

 CBA75C

 CBA048

 CBAE70

 CB9A33

 CBB485

 CB931F

 CBBB99

 CB8D0B

 CBC1AD

 CB8900

 CBC8C2

 CBCFD6

 CBD5EA

 CBDCFE

 CBE2FF

Harmonies

Analogous

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



E9996D



CBA75C



A4B362

Triad

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



CBA75C



00C0CB



D696DA

Complementary

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



CBA75C



5C80CB

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.



A5A4F4



CBA75C



00BBEB

Square

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



CBA75C



35C0A3



5EB2FA



F28DB5

Rectangle

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



CBA75C



85B972



5EB2FA



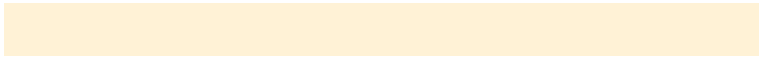
C89AE4

Sweetspot

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



CBA75C



FFF2D6



CB5C81



807867



000000



808080

Same Dimension

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



CBA75C



FFC857



B9CB5C



66635C



A67000



261A00

Inverse Universe

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



5C80CB



578DFF



6E5CCB



5C5F66



0036A6



000C26

Previews

White Background



This preview shows how the Hex color CBA75C looks on a white background.

Color Contrast Check

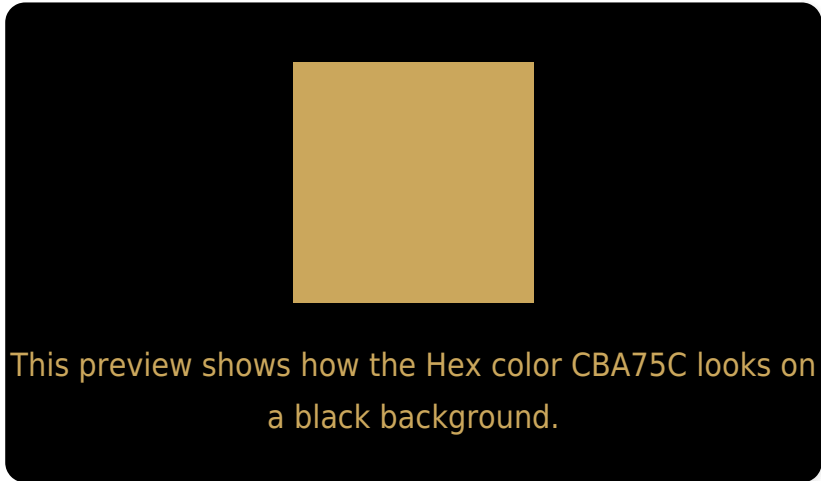
Large Text (above 18pt) WCAG AA × Fail

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 CBA75C Background



This preview shows how black text looks on a background with the Hex color CBA75C.



This preview shows how white text looks on a background with the Hex color CBA75C.

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
CBA75C

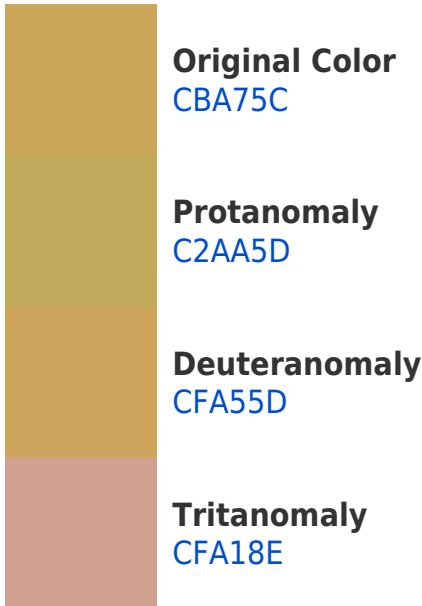
Protanopia
BDAC5E

Deuteranopia
D2A45D



Tritanopia
D29EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBA75C 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 #CBA75C looks like.

```
.text, #text, p{  
    color:#CBA75C  
}
```

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 #CBA75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA75C }  
}
```

Border

The CSS property to change the border of an element to Hex CBA75C 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 #CBA75C }  
}
```

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

```
.border{ border-color:#CBA75C }
```

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

Here you see how a box with a 4 pixel #CBA75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA75C; -webkit-box-shadow:4px 4px  
4px 4px #CBA75C; box-shadow:4px 4px 4px  
4px #CBA75C }
```

Background

The CSS property to change the background color of an element to Hex CBA75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA75C }
```

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

```
.background{ background-color:#CBA75C }
```

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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