

Converting Colors

Hex(CCA75C)

Have a look what the booklet for
Hex(CCA75C) contains.

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Color

Hex(CCA75C)

Conversions

Conversions Part 1

Format	Color
Hex	CCA75C
RGB	204, 167, 92
RGB Percent	80%, 65%, 36%
CMY	0.2000, 0.3451, 0.6392
CMYK	0.00, 0.18, 0.55, 0.20
HSL	40°, 52%, 58%
HSV	40°, 55%, 80%
XYZ	40.6523, 41.2475, 15.9442
YIQ	169.5130, 46.1270, -15.4810

Conversions

Conversions Part 2

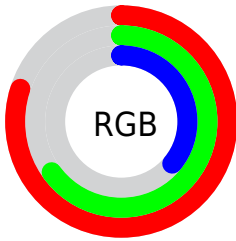
Format	Color
RYB	147, 204, 92
Decimal	13412188
CIELab	70.35, 4.53, 43.46
CIELCh	70, 43.696, 84.054
Yxy	41.2475, 0.4155, 0.4216
Android (android.graphics.Color)	4291602268 (0xFFCCA75C)
YUV	169.5130, -38.2139, 30.2451
Hunter-Lab	64.2242, 0.5936, 30.2377

Details

The Hex color **CCA75C** 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 **5C81CC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFDE90**, and **93732A** is the 20% darker color. If you saturate the color by 10%, you get **CCA048**, and if you desaturate by 10%, it is **CCAE70**.

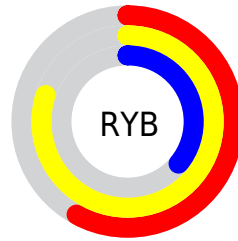
Distribution



Red (80%)

Green (65%)

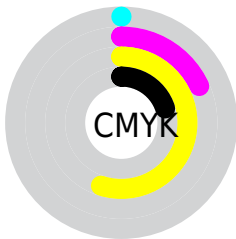
Blue (36%)



Red (58%)

Yellow (80%)

Blue (36%)

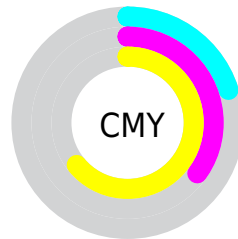


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA75C 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 CCA75C by changing the saturation by 10% instead.

 CCA75C

 CCA75C

FFFFFF

 AF8D43

 FFDE90

 93732A

 FFFAAB

 785B10

 FFFFC7

 5D4400

 FFFFEE3

 432E00

 291900

 0D0000

 000000

 CCA75C

 CCA75C

■ CCA048

■ CCAE70

■ CC9A33

■ CCB485

■ CC931F

■ CCBB99

■ CC8C0A

■ CCC2AE

■ CC8900

■ CCC9C2

■ CCCFD6

■ CCD6EB

■ CCDDFF

■ CCE4FF

Harmonies

Analogous

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



E9996D



CCA75C



A5B362

Triad

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



CCA75C



00C0CB



D696DB

Complementary

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



CCA75C



5C81CC

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.



A4A5F4



CCA75C



00BCEB

Square

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



CCA75C



36C0A2



5CB2FB



F28DB6

Rectangle

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



CCA75C



86BA71



5CB2FB



C89BE5

Sweetspot

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



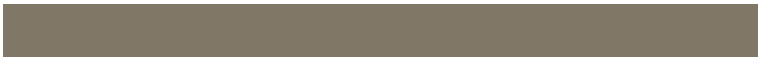
CCA75C



FFF2D6



CC5C81



807767



000000



808080

Same Dimension

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



CCA75C



FFC757



B9CC5C



66635C



A66F00



261A00

Inverse Universe

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



5C81CC



578EFF



6F5CCC



5C5F66



0037A6



000D26

Previews

White Background



This preview shows how the Hex color CCA75C looks on a white background.

Color Contrast Check

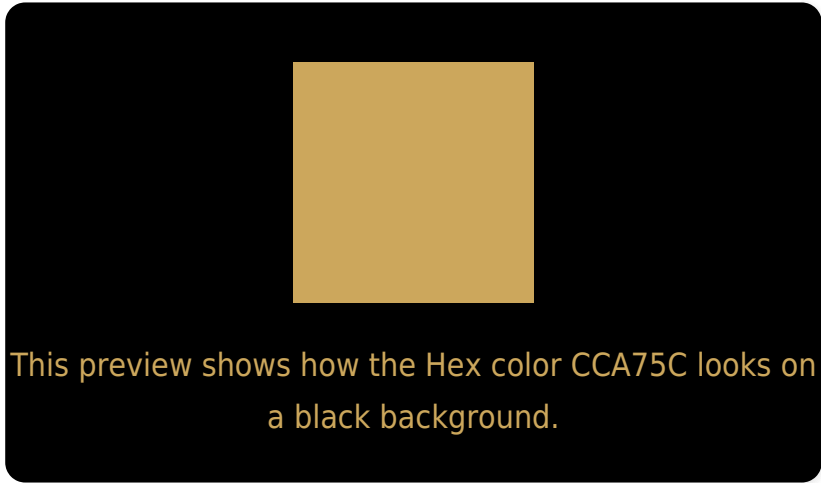
Large Text (above 18pt) WCAG AA × Fail

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 CCA75C Background



This preview shows how black text looks on a background with the Hex color CCA75C.

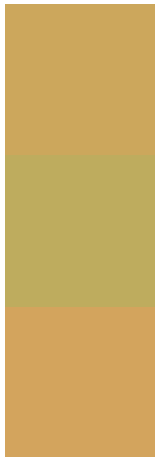


This preview shows how white text looks on a background with the Hex color CCA75C.

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
CCA75C

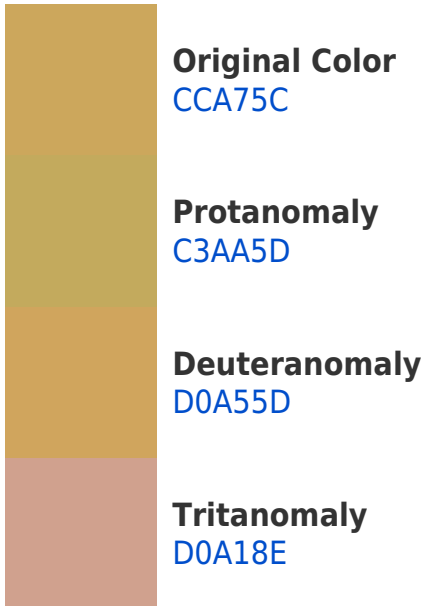
Protanopia
BEAC5E

Deuteranopia
D3A45D



Tritanopia
D39EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA75C 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 #CCA75C looks like.

```
.text, #text, p{  
    color:#CCA75C  
}
```

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 #CCA75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA75C
}
```

Border

The CSS property to change the border of an element to Hex CCA75C 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
#CCA75C }
```

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

```
.border{ border-color:#CCA75C }
```

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

Here you see how a box with a 4 pixel #CCA75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA75C; -webkit-box-shadow:4px 4px  
4px 4px #CCA75C; box-shadow:4px 4px 4px  
4px #CCA75C }
```

Background

The CSS property to change the background color of an element to Hex CCA75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA75C }
```

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

```
.background{ background-color:#CCA75C }
```

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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