

# Converting Colors

Hex(CB7C4A)

Have a look what the booklet for  
Hex(CB7C4A) contains.

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# Color

Hex(CB7C4A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB7C4A
RGB	203, 124, 74
RGB Percent	80%, 49%, 29%
CMY	0.2039, 0.5137, 0.7098
CMYK	0.00, 0.39, 0.64, 0.20
HSL	23°, 55%, 54%
HSV	23°, 64%, 80%
XYZ	33.0723, 27.6062, 10.0640
YIQ	141.9210, 63.1340, 1.1980

# Conversions

## Conversions Part 2

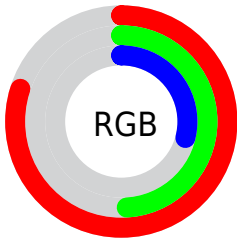
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	203, 156, 74
Decimal	13335626
CIELab	59.53, 26.11, 39.80
CIElCh	60, 47.600, 56.731
Yxy	27.6062, 0.4675, 0.3902
Android (android.graphics.Color)	4291525706 (0xFFCB7C4A)
YUV	141.9210, -33.4851, 53.5663
Hunter-Lab	52.5416, 20.4088, 25.4225

# Details

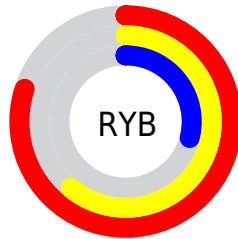
The Hex color **CB7C4A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4A99CB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB17C**, and **904A1B** is the 20% darker color. If you saturate the color by 10%, you get **CB7036**, and if you desaturate by 10%, it is **CB885E**.

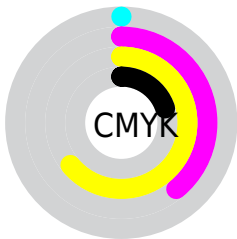
# Distribution



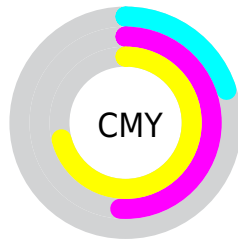
- Red (80%)
- Green (49%)
- Blue (29%)



- Red (80%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7C4A 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 CB7C4A by changing the saturation by 10% instead.



 CB7C4A

 CB7C4A

FFFFFF

 AD6332

 FFB17C

 904A1B

 FFCD96

 743302

 FFE9B1

 581C00

 FFFFCD

 3C0500

 FFFFEA

 260001

 000000

 CB7C4A

 CB7C4A

 CB7036

 CB885E

 CB6321

 CB9573

 CB570D

 CBA187

 CB4F00

 CBAE9B

 CBBAB0

 CBC7C4

 CBD3D8

 CBDFEC

 CBECFF

# Harmonies

## Analogous

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



DC6F6C



CB7C4A



AB8C38

# Triad

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



CB7C4A



00A489



8A86DA

# Complementary

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



CB7C4A



4A99CB

# 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.



2B95E3



CB7C4A



00A4B4

# Square

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



CB7C4A



4DA060



009FD5



BF76BE

# Rectangle

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



CB7C4A



91943B



009FD5



728CE0



# Sweetspot

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



CB7C4A



FFE1CF



CB4A9A



806E62



000000



808080



# Same Dimension

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



CB7C4A



FF883D



CBBC4A



66605C



A64000



260F00



# Inverse Universe

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



4A99CB



3DB4FF



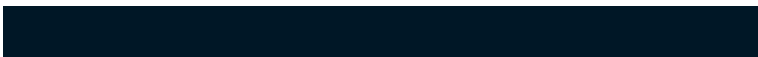
4A59CB



5C6266



0066A6

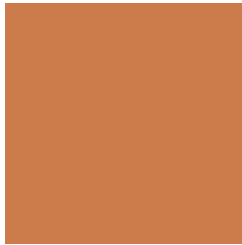


001726



# Previews

## White Background



This preview shows how the Hex color CB7C4A looks on a white background.

## Color Contrast Check

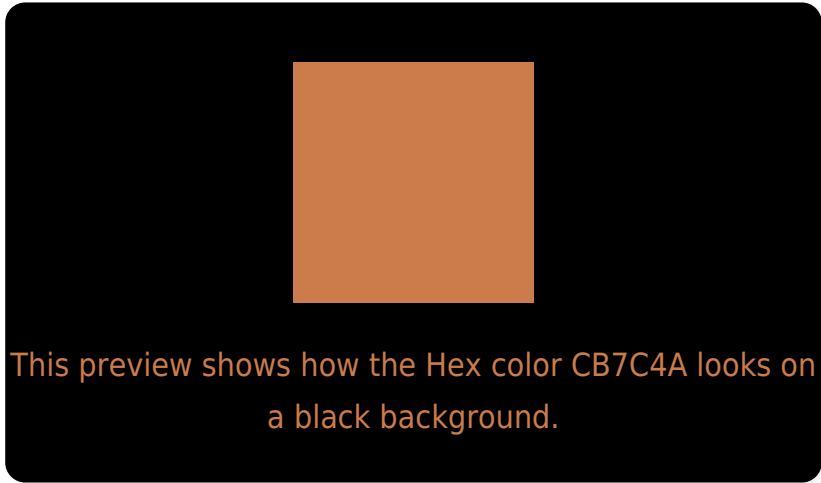
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CB7C4A Background



This preview shows how black text looks on a background with the Hex color CB7C4A.



This preview shows how white text looks on a background with the Hex color CB7C4A.

# 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



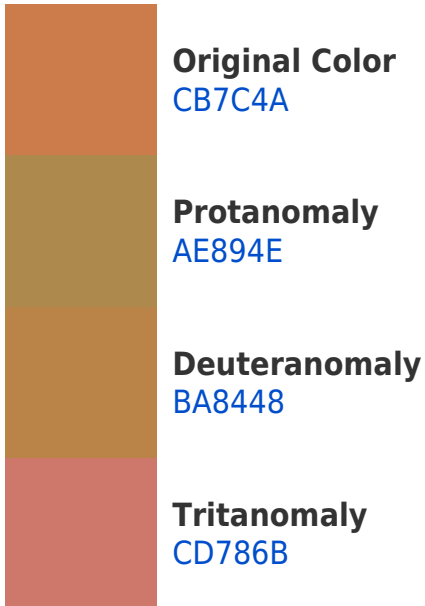
**Original Color**  
CB7C4A

**Protanopia**  
9E9051

**Deuteranopia**  
B18947



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7C4A 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 #CB7C4A looks like.

```
.text, #text, p{  
    color:#CB7C4A  
}
```

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 #CB7C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7C4A
}
```

## Border

The CSS property to change the border of an element to Hex CB7C4A 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
#CB7C4A }
```

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

```
.border{ border-color:#CB7C4A }
```

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

Here you see how a box with a 4 pixel #CB7C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7C4A; -webkit-box-shadow:4px 4px  
4px 4px #CB7C4A; box-shadow:4px 4px 4px  
4px #CB7C4A }
```

# Background

The CSS property to change the background color of an element to Hex CB7C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7C4A }
```

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

```
.background{ background-color:#CB7C4A }
```

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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