

Converting Colors

Hex(CB7D54)

Have a look what the booklet for
Hex(CB7D54) contains.

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Color

Hex(CB7D54)

Conversions

Conversions Part 1

Format	Color
Hex	CB7D54
RGB	203, 125, 84
RGB Percent	80%, 49%, 33%
CMY	0.2039, 0.5098, 0.6706
CMYK	0.00, 0.38, 0.59, 0.20
HSL	21°, 53%, 56%
HSV	21°, 59%, 80%
XYZ	33.5625, 28.0038, 12.0239
YIQ	143.6480, 59.6490, 3.7850

Conversions

Conversions Part 2

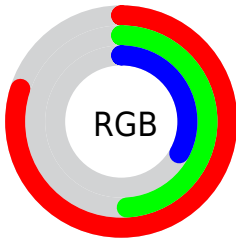
Format	Color
RYB	203, 147, 84
Decimal	13335892
CIELab	59.89, 26.29, 34.90
CIELCh	60, 43.688, 53.011
Yxy	28.0038, 0.4561, 0.3805
Android (android.graphics.Color)	4291525972 (0xFFFCB7D54)
YUV	143.6480, -29.4065, 52.0517
Hunter-Lab	52.9186, 20.6019, 23.5715

Details

The Hex color **CB7D54** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **54A2CB**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB286**, and **914B25** is the 20% darker color. If you saturate the color by 10%, you get **CB7040**, and if you desaturate by 10%, it is **CB8A68**.

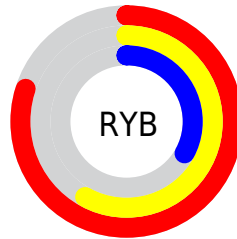
Distribution



Red (80%)

Green (49%)

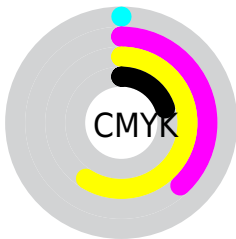
Blue (33%)



Red (80%)

Yellow (58%)

Blue (33%)

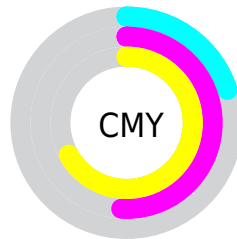


Cyan (0%)

Magenta (38%)

Yellow (59%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB7D54 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 CB7D54 by changing the saturation by 10% instead.

 CB7D54

 CB7D54

FFFFFF

 AE643C

 FF286

 914B25

 FFCEA1

 74340E

 FFEABC

 591C00

 FFFFD8

 3E0500

 FFFFF5

 270001

 000000

 CB7D54

 CB7D54

 CB7040

 CB8A68

 CB622B

 CB987D

 CB5517

 CBA591

 CB4803

 CBB2A5

 CB4600

 CBC0BA

 CBCDCE

 CBDAE2

 CBE7F6

 CBF5FF

Harmonies

Analogous

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



D97274



CB7D54



AF8B42

Triad

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



CB7D54



00A386



858AD7

Complementary

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



CB7D54



54A2CB

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.



3297DC



CB7D54



00A4AD

Square

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



CB7D54



5C9F60



00A0CD



B77BBF

Rectangle

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



CB7D54



979343



00A0CD



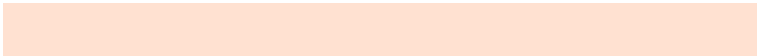
6F8FDB

Sweetspot

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



CB7D54



FFE1D1



CB54A3



806D63



000000



808080

Same Dimension

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



CB7D54



FF8A4D



CBB754



665F5C



A63900



260D00

Inverse Universe

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



54A2CB



4DC2FF



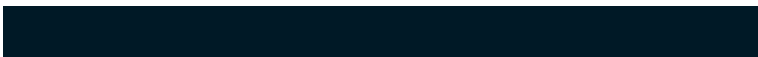
5468CB



5C6266



006DA6



001926

Previews

White Background



This preview shows how the Hex color CB7D54 looks on a white background.

Color Contrast Check

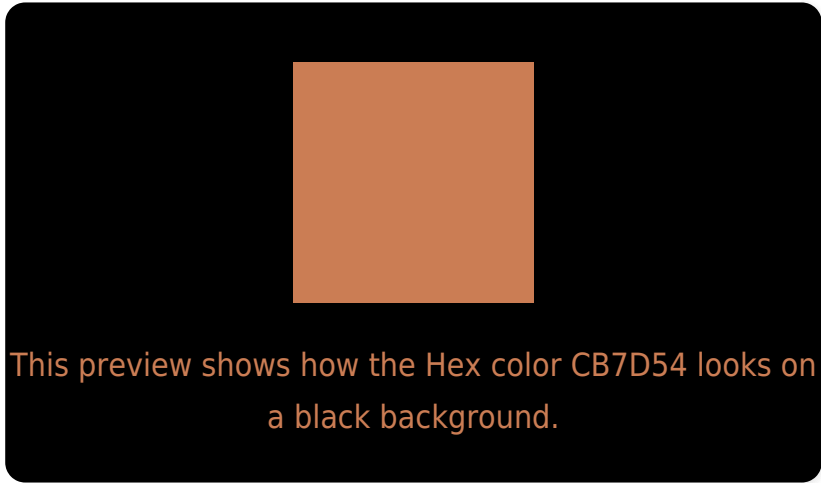
Large Text (above 18pt) WCAG AA ✓ Pass

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

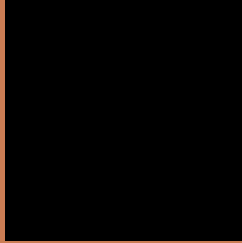
Any Text WCAG AA ✓ Pass

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 CB7D54 Background



This preview shows how black text looks on a background with the Hex color CB7D54.



This preview shows how white text looks on a background with the Hex color CB7D54.

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
CB7D54

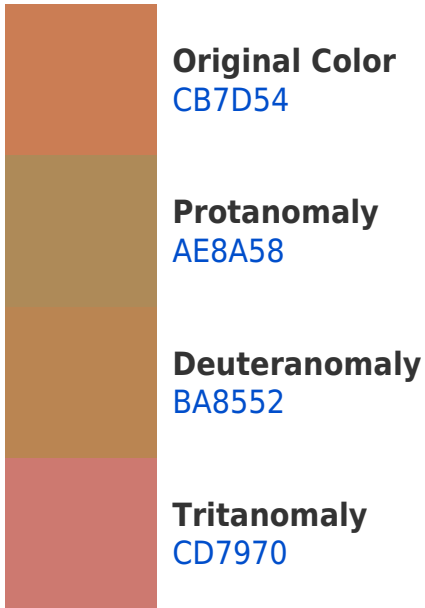
Protanopia
9E915B

Deuteranopia
B18A51

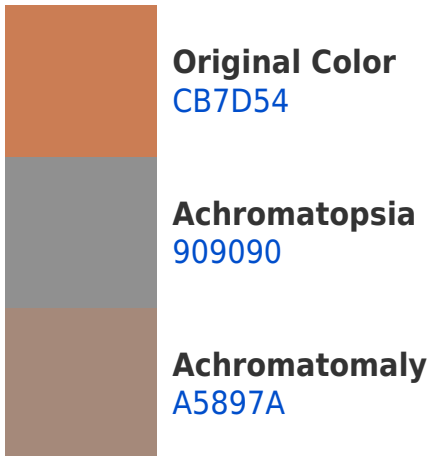


Tritanopia
CE7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB7D54 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 #CB7D54 looks like.

```
.text, #text, p{  
    color:#CB7D54  
}
```

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 #CB7D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7D54
}
```

Border

The CSS property to change the border of an element to Hex CB7D54 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
#CB7D54 }
```

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

```
.border{ border-color:#CB7D54 }
```

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

Here you see how a box with a 4 pixel #CB7D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7D54; -webkit-box-shadow:4px 4px  
4px 4px #CB7D54; box-shadow:4px 4px 4px  
4px #CB7D54 }
```

Background

The CSS property to change the background color of an element to Hex CB7D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7D54 }
```

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

```
.background{ background-color:#CB7D54 }
```

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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