

Converting Colors

Hex(C47B5D)

Have a look what the booklet for
Hex(C47B5D) contains.

Hex(C47B5D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C47B5D)

Conversions

Conversions Part 1

Format	Color
Hex	C47B5D
RGB	196, 123, 93
RGB Percent	77%, 48%, 36%
CMY	0.2314, 0.5176, 0.6353
CMYK	0.00, 0.37, 0.53, 0.23
HSL	17°, 47%, 57%
HSV	17°, 53%, 77%
XYZ	31.8237, 26.6920, 13.8307
YIQ	141.4070, 53.1380, 6.1460

Conversions

Conversions Part 2

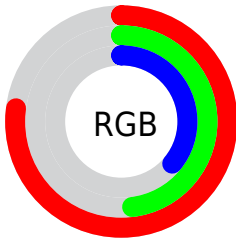
Format	Color
R_{YB}	196, 135, 93
Decimal	12876637
CIE Lab	58.69, 25.26, 28.24
CIE LCh	59, 37.888, 48.180
Yxy	26.6920, 0.4399, 0.3689
Android (android.graphics.Color)	4291066717 (0xFFC47B5D)
YUV	141.4070, -23.8647, 47.8781
Hunter-Lab	51.6643, 19.5383, 20.2929

Details

The Hex color **C47B5D** 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 **5DA6C4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB090**, and **8B492E** is the 20% darker color. If you saturate the color by 10%, you get **C46D49**, and if you desaturate by 10%, it is **C48971**.

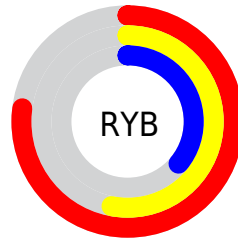
Distribution



Red (77%)

Green (48%)

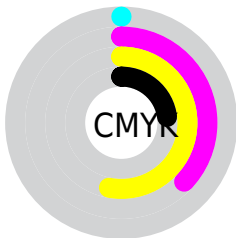
Blue (36%)



Red (77%)

Yellow (53%)

Blue (36%)

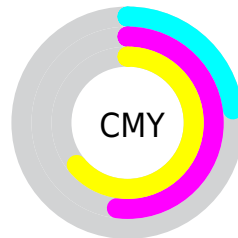


Cyan (0%)

Magenta (37%)

Yellow (53%)

Black (23%)



Cyan (23%)

Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C47B5D 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 C47B5D by changing the saturation by 10% instead.

 C47B5D

 C47B5D

FFFFFF

 A76245

 FFB090

 8B492E

 FFC9AA

 6F3219

 FFE8C6

 541B00

 FFFFFE2

 390400

 210001

 000000

 C47B5D

 C47B5D

 C46D49

 C48971

 C45F36

 C49784

 C45122

 C4A598

 C4430F

 C4B3AB

 C43900

 C4C0BF

 C4CED3

 C4DCE6

 C4EAFA

 C4F8FF

Harmonies

Analogous

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



CD737A



C47B5D



AD874C

Triad

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



C47B5D



389E7E



7C89CC

Complementary

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



C47B5D



5DA6C4

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.



3B94CE



C47B5D



009EA1

Square

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



C47B5D



689960



009CBE



AA7DBA

Rectangle

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



C47B5D



998E4A



009CBE



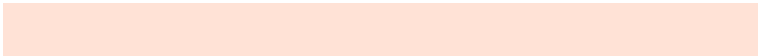
698DCF

Sweetspot

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



C47B5D



FFE2D6



C45DA7



806E67



000000



808080

Same Dimension

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



C47B5D



FF8D5E



C4AE5D



615A57



A12F00



210A00

Inverse Universe

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



5DA6C4



5ED0FF



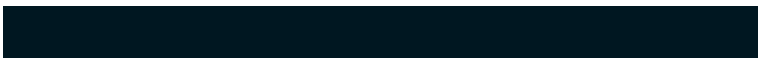
5D73C4



575E61



0072A1



001721

Previews

White Background



This preview shows how the Hex color C47B5D looks on a white background.

Color Contrast Check

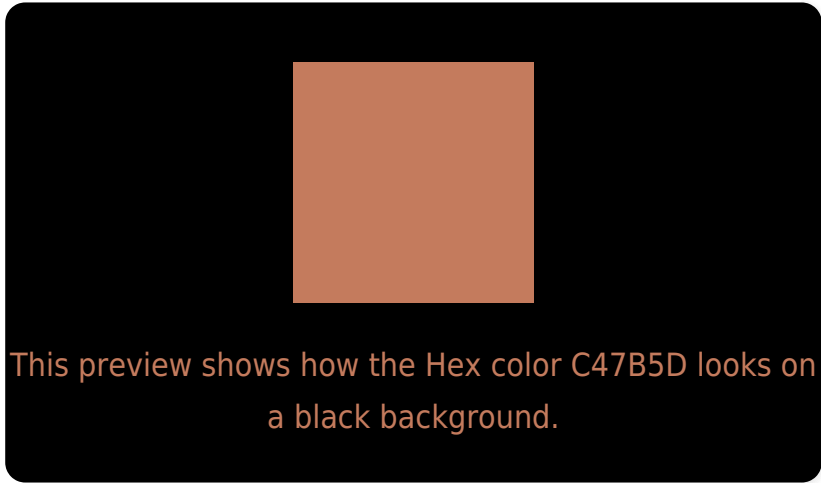
Large Text (above 18pt) WCAG AA ✓ Pass

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 C47B5D Background



This preview shows how black text looks on a background with the Hex color C47B5D.




This preview shows how white text looks on a background with the Hex color C47B5D.

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](#).

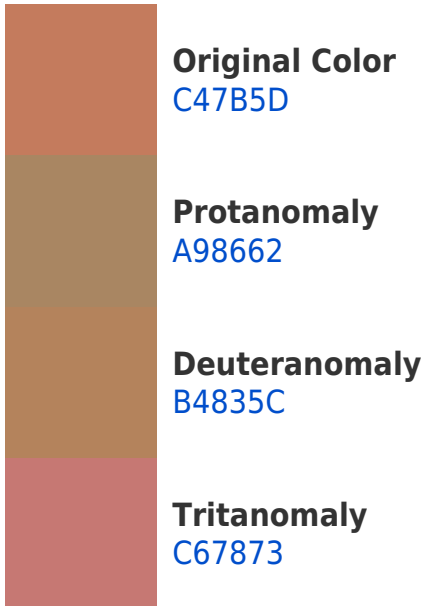
Dichromacy



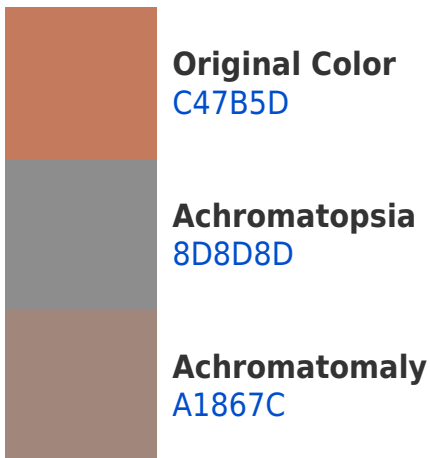


Tritanopia
C7767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C47B5D 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 #C47B5D looks like.

```
.text, #text, p{  
    color:#C47B5D  
}
```

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 #C47B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47B5D
}
```

Border

The CSS property to change the border of an element to Hex C47B5D 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
#C47B5D }
```

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

```
.border{ border-color:#C47B5D }
```

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

Here you see how a box with a 4 pixel #C47B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47B5D; -webkit-box-shadow:4px 4px  
4px 4px #C47B5D; box-shadow:4px 4px 4px  
4px #C47B5D }
```

Background

The CSS property to change the background color of an element to Hex C47B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47B5D }
```

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

```
.background{ background-color:#C47B5D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor