

Converting Colors

Hex(D47B5B)

Have a look what the booklet for
Hex(D47B5B) contains.

Hex(D47B5B)	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(D47B5B)

Conversions

Conversions Part 1

Format	Color
Hex	D47B5B
RGB	212, 123, 91
RGB Percent	83%, 48%, 36%
CMY	0.1686, 0.5176, 0.6431
CMYK	0.00, 0.42, 0.57, 0.17
HSL	16°, 58%, 59%
HSV	16°, 57%, 83%
XYZ	36.1227, 28.9183, 13.5754
YIQ	145.9630, 63.3160, 8.9160

Conversions

Conversions Part 2

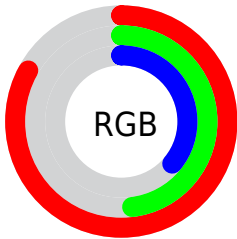
Format	Color
R_{YB}	212, 135, 91
Decimal	13925211
CIE _{Lab}	60.71, 31.53, 32.34
CIE _{LCh}	61, 45.169, 45.730
Yxy	28.9183, 0.4595, 0.3678
Android (android.graphics.Color)	4292115291 (0xFFD47B5B)
YUV	145.9630, -27.0968, 57.9144
Hunter-Lab	53.7757, 25.7959, 22.6755

Details

The Hex color **D47B5B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **5BB4D4**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB08E**, and **99492C** is the 20% darker color. If you saturate the color by 10%, you get **D46B46**, and if you desaturate by 10%, it is **D48B70**.

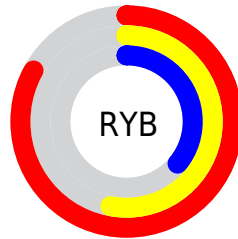
Distribution



Red (83%)

Green (48%)

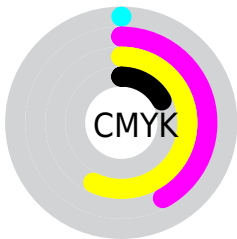
Blue (36%)



Red (83%)

Yellow (53%)

Blue (36%)

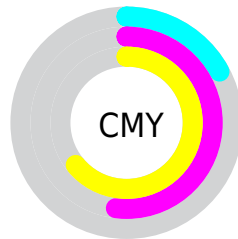


Cyan (0%)

Magenta (42%)

Yellow (57%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47B5B 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 D47B5B by changing the saturation by 10% instead.

 D47B5B

 D47B5B

FFFFFF

 B66143

 FFB08E

 99492C

 FFCCA8

 7C3016

 FFE9C4

 611800

 FFFFFE0

 450000

 FFFFFFC

 2D0001

 000000

 D47B5B

 D47B5B

 D46B46

 D48B70

 D45C31

 D49A85

 D44C1B

 D4AA9B

 D43D06

 D4B9B0

 D43800

 D4C9C5

 D4D9DA

 D4E8EF

 D4F8FF

 D4FFFF

Harmonies

Analogous

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



DE717F



D47B5B



BA8A44

Triad

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



D47B5B



23A57D



768FDF

Complementary

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



D47B5B



5BB4D4

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.



009CDF



D47B5B



00A7A7

Square

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



D47B5B



69A059



00A4CB



B080CA

Rectangle

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



D47B5B



A39340



00A4CB



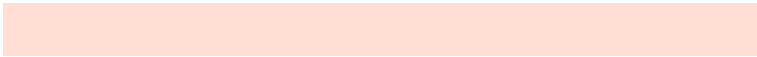
5B94E2

Sweetspot

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



D47B5B



FFDFD4



D45BB6



806D66



000000



808080

Same Dimension

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



D47B5B



FF7F52



D4B65B



6B6360



AB2D00



2B0B00

Inverse Universe

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



5BB4D4



52D1FF



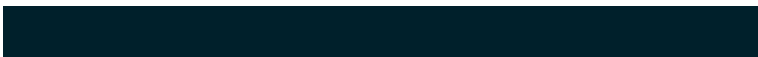
5B79D4



60686B



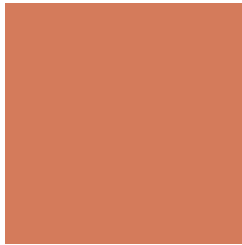
007EAB



00202B

Previews

White Background



This preview shows how the Hex color D47B5B looks on a white background.

Color Contrast Check

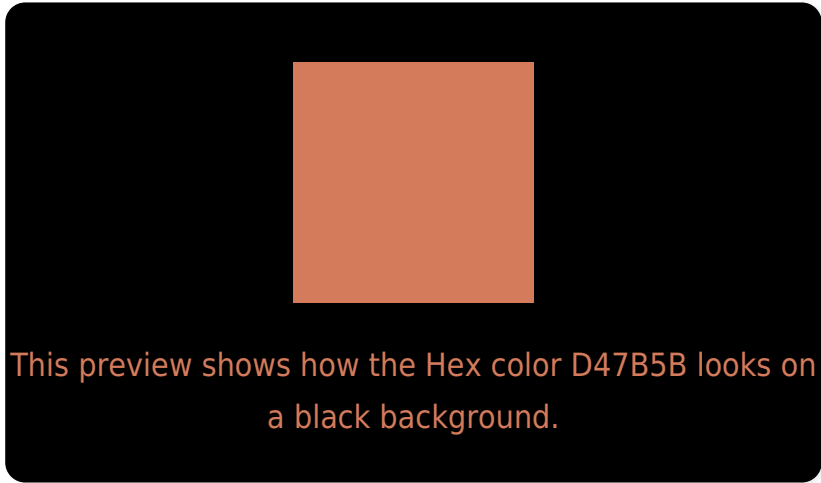
Large Text (above 18pt) WCAG AA ✓ Pass

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

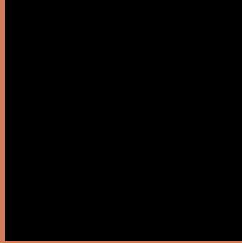
Any Text WCAG AA ✓ Pass

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 D47B5B Background



This preview shows how black text looks on a background with the Hex color D47B5B.



This preview shows how white text looks on a background with the Hex color D47B5B.

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
D47B5B

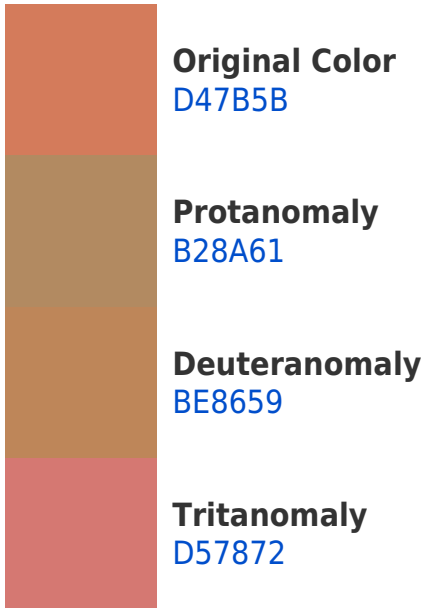
Protanopia
9F9364

Deuteranopia
B28C58

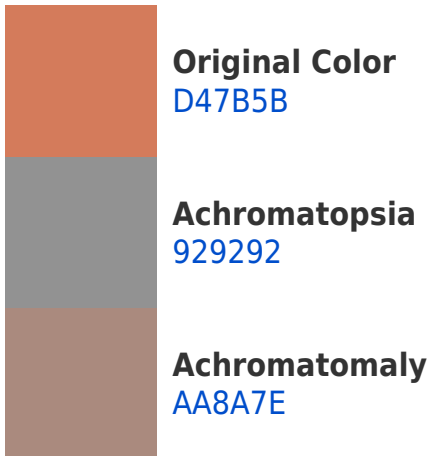


Tritanopia
D6767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47B5B 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 #D47B5B looks like.

```
.text, #text, p{  
    color:#D47B5B  
}
```

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 #D47B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47B5B
}
```

Border

The CSS property to change the border of an element to Hex D47B5B 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
#D47B5B }
```

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

```
.border{ border-color:#D47B5B }
```

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

Here you see how a box with a 4 pixel #D47B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47B5B; -webkit-box-shadow:4px 4px  
4px 4px #D47B5B; box-shadow:4px 4px 4px  
4px #D47B5B }
```

Background

The CSS property to change the background color of an element to Hex D47B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47B5B }
```

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

```
.background{ background-color:#D47B5B }
```

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