

Converting Colors

Hex(D47B5D)

Have a look what the booklet for
Hex(D47B5D) contains.

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Color

Hex(D47B5D)

Conversions

Conversions Part 1

Format	Color
Hex	D47B5D
RGB	212, 123, 93
RGB Percent	83%, 48%, 36%
CMY	0.1686, 0.5176, 0.6353
CMYK	0.00, 0.42, 0.56, 0.17
HSL	15°, 58%, 60%
HSV	15°, 56%, 83%
XYZ	36.2101, 28.9533, 14.0360
YIQ	146.1910, 62.6740, 9.5380

Conversions

Conversions Part 2

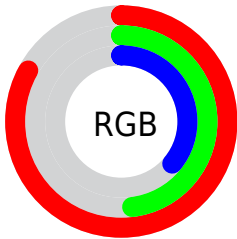
Format	Color
R_{YB}	212, 133, 93
Decimal	13925213
CIE Lab	60.74, 31.69, 31.28
CIE LCh	61, 44.526, 44.628
Yxy	28.9533, 0.4572, 0.3656
Android (android.graphics.Color)	4292115293 (0xFFD47B5D)
YUV	146.1910, -26.2232, 57.7145
Hunter-Lab	53.8083, 25.9567, 22.1999

Details

The Hex color **D47B5D** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **5DB6D4**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFB090**, and **99492E** is the 20% darker color. If you saturate the color by 10%, you get **D46B48**, and if you desaturate by 10%, it is **D48B72**.

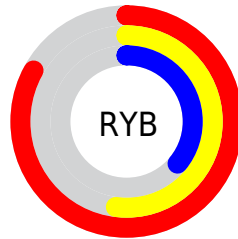
Distribution



Red (83%)

Green (48%)

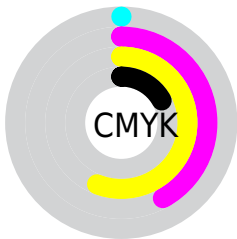
Blue (36%)



Red (83%)

Yellow (52%)

Blue (36%)

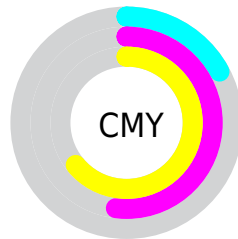


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47B5D 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 D47B5D by changing the saturation by 10% instead.

 D47B5D

 D47B5D

FFFFFF

 B66145

 FFB090

 99492E

 FFCCAA

 7D3018

 FFE9C6

 611800

 FFFFE2

 450000

 2D0001

 000000

 D47B5D

 D47B5D

 D46B48

 D48B72

 D45B33

 D49B87

 D44B1D

 D4AB9D

 D43C08

 D4BAB2

 D43500

 D4CAC7

 D4DADC

 D4EAF1

 D4FAFF

 D4FFFF

Harmonies

Analogous

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



DD7281



D47B5D



BB8946

Triad

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



D47B5D



2BA57C



7490DE

Complementary

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



D47B5D



5DB6D4

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.



009CDE



D47B5D



00A7A5

Square

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



D47B5D



6BA059



00A4C9



AE81CB

Rectangle

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



D47B5D



A49241



00A4C9



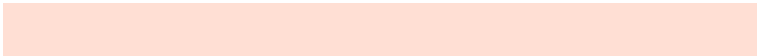
5A95E1

Sweetspot

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



D47B5D



FFDFD4



D45DB6



806C66



000000



808080

Same Dimension

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



D47B5D



FF7F54



D4B65D



6B6360



AB2B00



2B0B00

Inverse Universe

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



5DB6D4



54D4FF



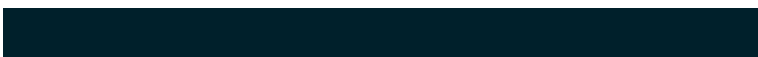
5D7BD4



60686B



0080AB



00202B

Previews

White Background



This preview shows how the Hex color D47B5D looks on a white background.

Color Contrast Check

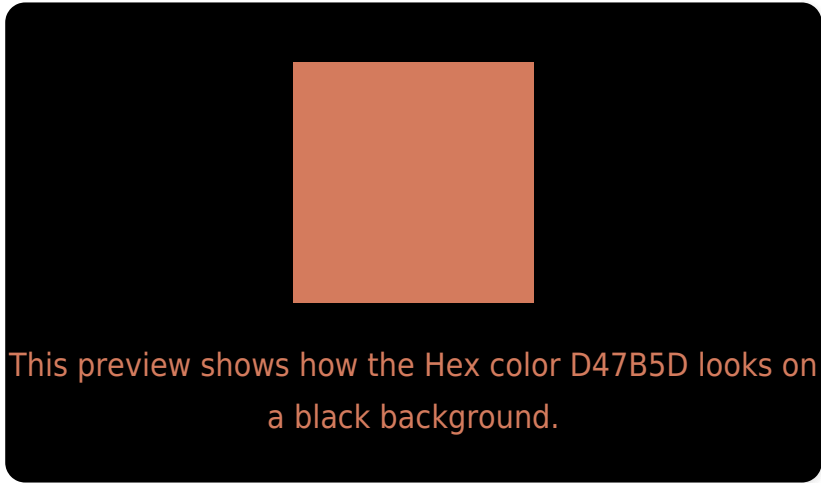
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47B5D Background



This preview shows how black text looks on a background with the Hex color D47B5D.

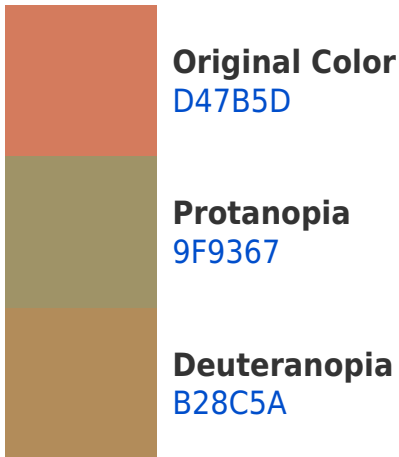



This preview shows how white text looks on a background with the Hex color D47B5D.

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
D6767F

Trichromacy



Original Color
D47B5D

Protanomaly
B28A63

Deuteranomaly
BE865B

Tritanomaly
D57873

Monochromacy



Original Color
D47B5D

Achromatopsia
929292

Achromatomaly
AA8A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex D47B5D 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 #D47B5D looks like.

```
.text, #text, p{  
    color:#D47B5D  
}
```

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 #D47B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47B5D
}
```

Border

The CSS property to change the border of an element to Hex D47B5D 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
#D47B5D }
```

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

```
.border{ border-color:#D47B5D }
```

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

Here you see how a box with a 4 pixel #D47B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47B5D; -webkit-box-shadow:4px 4px  
4px 4px #D47B5D; box-shadow:4px 4px 4px  
4px #D47B5D }
```

Background

The CSS property to change the background color of an element to Hex D47B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47B5D }
```

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

```
.background{ background-color:#D47B5D }
```

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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