

Converting Colors

Hex(D47737)

Have a look what the booklet for
Hex(D47737) contains.

Hex(D47737)	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(D47737)

Conversions

Conversions Part 1

Format	Color
Hex	D47737
RGB	212, 119, 55
RGB Percent	83%, 47%, 22%
CMY	0.1686, 0.5333, 0.7843
CMYK	0.00, 0.44, 0.74, 0.17
HSL	24°, 65%, 52%
HSV	24°, 74%, 83%
XYZ	34.4378, 27.4665, 7.1009
YIQ	139.5110, 75.9720, -0.1880

Conversions

Conversions Part 2

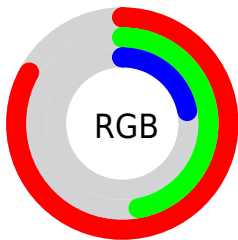
Format	Color
R _Y B	212, 163, 55
Decimal	13924151
CIE Lab	59.40, 31.44, 49.50
CIE LCh	59, 58.641, 57.582
Yxy	27.4665, 0.4991, 0.3980
Android (android.graphics.Color)	4292114231 (0xFFD47737)
YUV	139.5110, -41.6639, 63.5729
Hunter-Lab	52.4085, 25.5779, 28.6527

Details

The Hex color **D47737** 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 **3794D4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFAC69**, and **984501** is the 20% darker color. If you saturate the color by 10%, you get **D46A22**, and if you desaturate by 10%, it is **D4844C**.

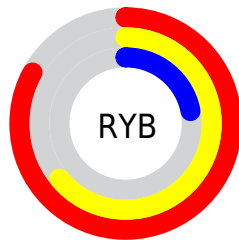
Distribution



Red (83%)

Green (47%)

Blue (22%)



Red (83%)

Yellow (64%)

Blue (22%)

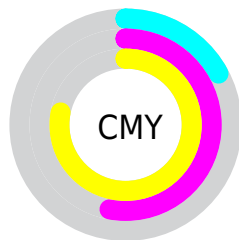


Cyan (0%)

Magenta (44%)

Yellow (74%)

Black (17%)



Cyan (17%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47737 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 D47737 by changing the saturation by 10% instead.

 D47737

 D47737

FFFFFF

 B65E1E

 FFAC69

 984501

 FFC883

 7A2D00

 FFE49E

 5D1500

 FFFFB9

 410000

 FFFFD6

 2A0001

 FFFFF2

 000000

 D47737

 D47737

 D46A22

 D4844C

 D45E0D

 D49061

 D45600

 D49D77

 D4A98C

 D4B6A1

 D4C2B6

 D4CFCB

 D4DBE1

 D4E8F6

Harmonies

Analogous

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



EA6462



D47737



AD8B1B

Triad

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



D47737



00A789



8883EB

Complementary

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



D47737



3794D4

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.



0096F6



D47737



00A7BD

Square

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



D47737



2FA355



00A2E5



C96DC7

Rectangle

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



D47737



8D9620



00A2E5



668AF2

Sweetspot

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



D47737



FFDEC7



D43795



806C5E



000000



808080

Same Dimension

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



D47737



FF791C



D4C437



6B6560



AB4600



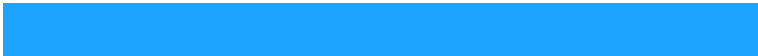
2B1200

Inverse Universe

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



3794D4



1CA2FF



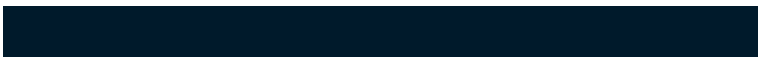
3747D4



60676B



0065AB



001A2B

Previews

White Background



This preview shows how the Hex color D47737 looks on a white background.

Color Contrast Check

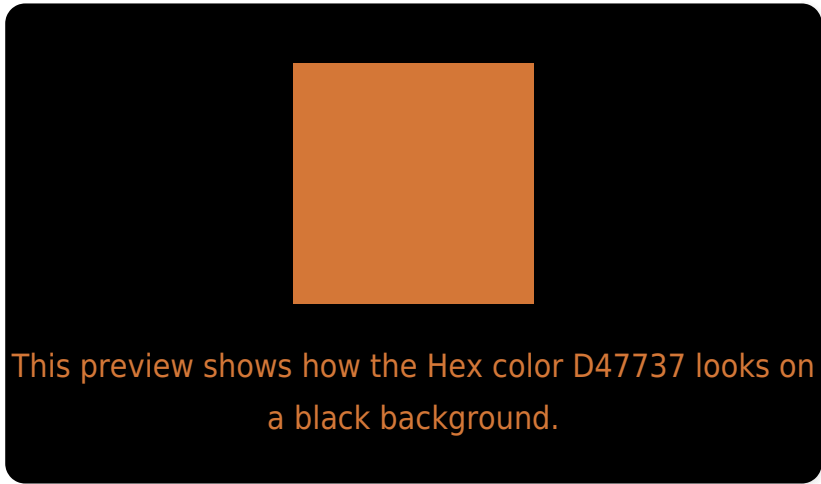
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47737 Background



This preview shows how black text looks on a background with the Hex color D47737.



This preview shows how white text looks on a background with the Hex color D47737.

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
D47737

Protanopia
A0903E

Deuteranopia
B38832



Tritanopia
D77078

Trichromacy



Original Color
D47737

Protanomaly
B3873B

Deuteranomaly
BF8234

Tritanomaly
D67360

Monochromacy



Original Color
D47737

Achromatopsia
8C8C8C

Achromatomaly
A6846D

CSS Examples

Text

The CSS property to change the color of the text to Hex D47737 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 #D47737 looks like.

```
.text, #text, p{  
    color:#D47737  
}
```

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 #D47737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47737
}
```

Border

The CSS property to change the border of an element to Hex D47737 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
#D47737 }
```

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

```
.border{ border-color:#D47737 }
```

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

Here you see how a box with a 4 pixel #D47737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47737; -webkit-box-shadow:4px 4px  
4px 4px #D47737; box-shadow:4px 4px 4px  
4px #D47737 }
```

Background

The CSS property to change the background color of an element to Hex D47737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47737 }
```

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

```
.background{ background-color:#D47737 }
```

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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