

Converting Colors

Hex(D47D02)

Have a look what the booklet for
Hex(D47D02) contains.

Hex(D47D02)	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(D47D02)

Conversions

Conversions Part 1

Format	Color
Hex	D47D02
RGB	212, 125, 2
RGB Percent	83%, 49%, 1%
CMY	0.1686, 0.5098, 0.9922
CMYK	0.00, 0.41, 0.99, 0.17
HSL	35°, 98%, 42%
HSV	35°, 99%, 83%
XYZ	34.4960, 28.6687, 3.7729
YIQ	136.9910, 91.3350, -19.8090

Conversions

Conversions Part 2

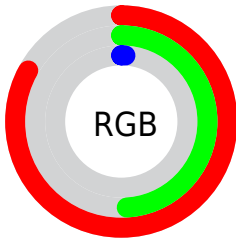
Format	Color
R_{YB}	151, 212, 2
Decimal	13925634
CIE Lab	60.49, 26.96, 66.67
CIE LCh	60, 71.919, 67.981
Yxy	28.6687, 0.5153, 0.4283
Android (android.graphics.Color)	4292115714 (0xFFD47D02)
YUV	136.9910, -66.5506, 65.7829
Hunter-Lab	53.5431, 21.3008, 33.3023

Details

The Hex color **D47D02** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0259D4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFB246**, and **974B00** is the 20% darker color. If you saturate the color by 10%, you get **D47C00**, and if you desaturate by 10%, it is **D48617**.

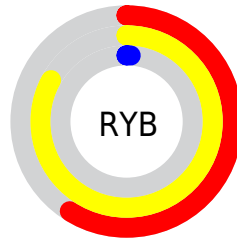
Distribution



Red (83%)

Green (49%)

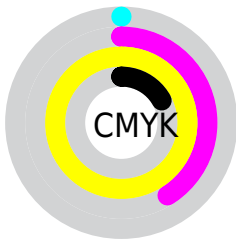
Blue (1%)



Red (59%)

Yellow (83%)

Blue (1%)

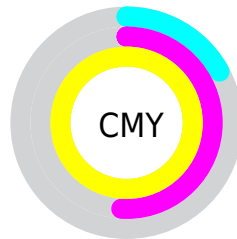


Cyan (0%)

Magenta (41%)

Yellow (99%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47D02 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 D47D02 by changing the saturation by 10% instead.

 D47D02

 D47D02

FFFFFF

 B56400

 FF246

 974B00

 FFCE61

 793400

 FFEA7D

 5C1D00

 FFFF98

 400500

 FFFF84

 290001

 FFFF00

 000000

 FFFFEE

 D47D02

 D47D02

 D47C00

 D48617

 D48F2C

 D49742

 D4A057

 D4A96C

 D4B281

 D4BA96

 D4C3AC

 D4CCC1

Harmonies

Analogous

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



F86047



D47D02



A09400

Triad

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



D47D02



00AFA2



A879F7

Complementary

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



D47D02



0259D4

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.



0094FF



D47D02



00ADD5

Square

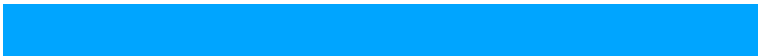
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D47D02



00AC5F



00A5FF



EA5AC3

Rectangle

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



D47D02



759F00



00A5FF



8583FF

Sweetspot

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



D47D02



FFDFB3



D40259



806C52



000000



808080

Same Dimension

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



D47D02



FF9500



C3D402



6B6760



AB6400



2B1900

Inverse Universe

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



0259D4



006AFF



1402D4



60656B



0047AB



00122B

Previews

White Background



This preview shows how the Hex color D47D02 looks on a white background.

Color Contrast Check

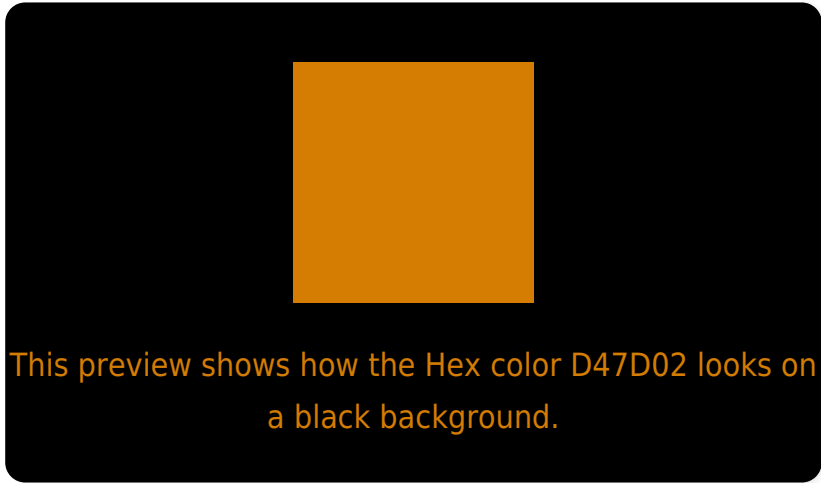
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47D02 Background



This preview shows how black text looks on a background with the Hex color D47D02.



This preview shows how white text looks on a background with the Hex color D47D02.

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
D47D02

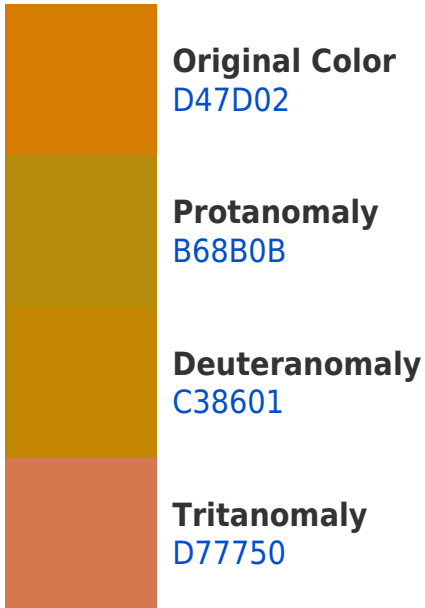
Protanopia
A59310

Deuteranopia
B98B00

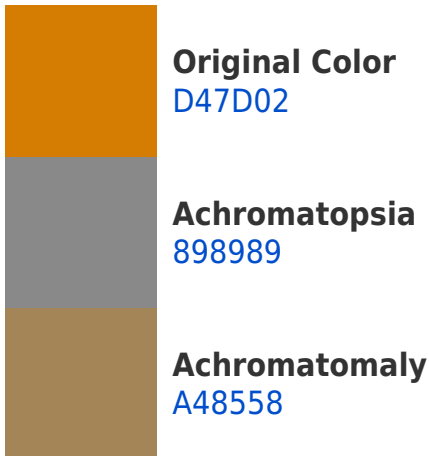


Tritanopia
D9747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47D02 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 #D47D02 looks like.

```
.text, #text, p{  
    color:#D47D02  
}
```

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 #D47D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47D02
}
```

Border

The CSS property to change the border of an element to Hex D47D02 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
#D47D02 }
```

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

```
.border{ border-color:#D47D02 }
```

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

Here you see how a box with a 4 pixel #D47D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47D02; -webkit-box-shadow:4px 4px  
4px 4px #D47D02; box-shadow:4px 4px 4px  
4px #D47D02 }
```

Background

The CSS property to change the background color of an element to Hex D47D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47D02 }
```

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

```
.background{ background-color:#D47D02 }
```

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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