

Converting Colors

Hex(D47C01)

Have a look what the booklet for
Hex(D47C01) contains.

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Color

Hex(D47C01)

Conversions

Conversions Part 1

Format	Color
Hex	D47C01
RGB	212, 124, 1
RGB Percent	83%, 49%, 0%
CMY	0.1686, 0.5137, 0.9961
CMYK	0.00, 0.42, 1.00, 0.17
HSL	35°, 99%, 42%
HSV	35°, 100%, 83%
XYZ	34.3645, 28.4145, 3.7021
YIQ	136.2900, 91.9310, -19.5970

Conversions

Conversions Part 2

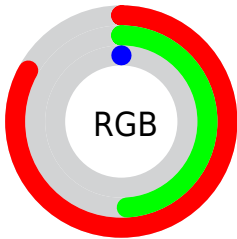
Format	Color
RYB	152, 212, 1
Decimal	13925377
CIELab	60.26, 27.49, 66.69
CIElCh	60, 72.135, 67.601
Yxy	28.4145, 0.5169, 0.4274
Android (android.graphics.Color)	4292115457 (0xFFD47C01)
YUV	136.2900, -66.6980, 66.3977
Hunter-Lab	53.3053, 21.7899, 33.1960

Details

The Hex color **D47C01** 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 **0159D4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFB146**, and **974A00** is the 20% darker color. If you saturate the color by 10%, you get **D47C00**, and if you desaturate by 10%, it is **D48516**.

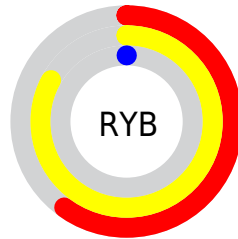
Distribution



Red (83%)

Green (49%)

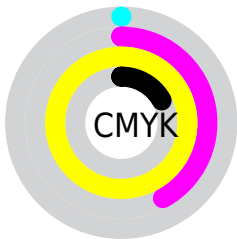
Blue (0%)



Red (60%)

Yellow (83%)

Blue (0%)

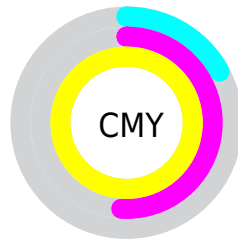


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D47C01 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 D47C01 by changing the saturation by 10% instead.

 D47C01

 D47C01

FFFFFF

 B56300

 FFB146

 974A00

 FFCD61

 793300

 FFE97C

 5C1C00

 FFFF97

 400400

 FFFFB3

 290001

 FFFFD0

 000000

 FFFFED

 D47C01

 D47C01

 D47C00

 D48516

 D48E2B

 D49741

 D49F56

 D4A86B

 D4B180

 D4BA95

 D4C3AB

 D4CCC0

Harmonies

Analogous

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



F75F47



D47C01



A09400

Triad

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



D47C01



00AEA0



A678F7

Complementary

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



D47C01



0159D4

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



D47C01



00ADDE

Square

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



D47C01



00AB5E



00A5FF



E959C3

Rectangle

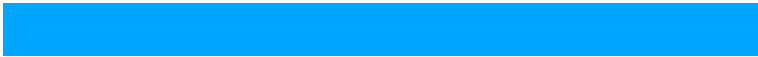
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D47C01



759F00



00A5FF



8383FF

Sweetspot

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



D47C01



FFDFB3



D4015C



806C52



000000



808080

Same Dimension

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



D47C01



FF9500



C6D401



6B6760



AB6400



2B1900

Inverse Universe

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



0159D4



006AFF



0F01D4



60656B



0047AB



00122B

Previews

White Background



This preview shows how the Hex color D47C01 looks on a white background.

Color Contrast Check

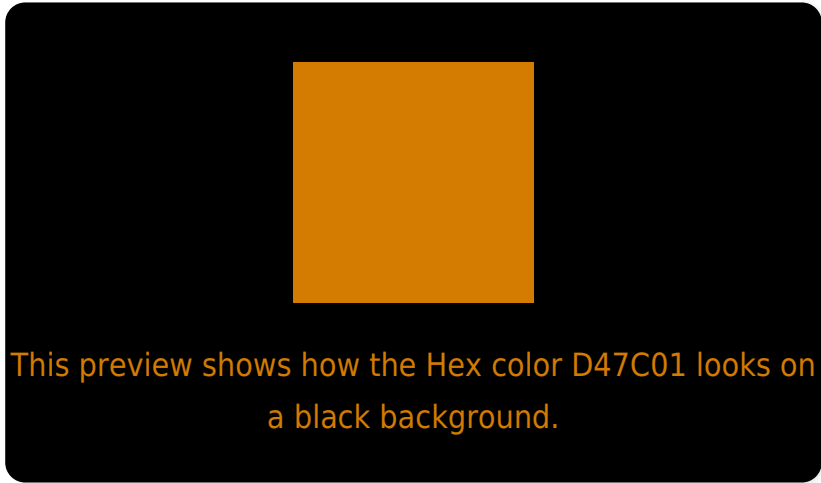
Large Text (above 18pt) WCAG AA ✓ Pass

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 D47C01 Background



This preview shows how black text looks on a background with the Hex color D47C01.



This preview shows how white text looks on a background with the Hex color D47C01.

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
D47C01

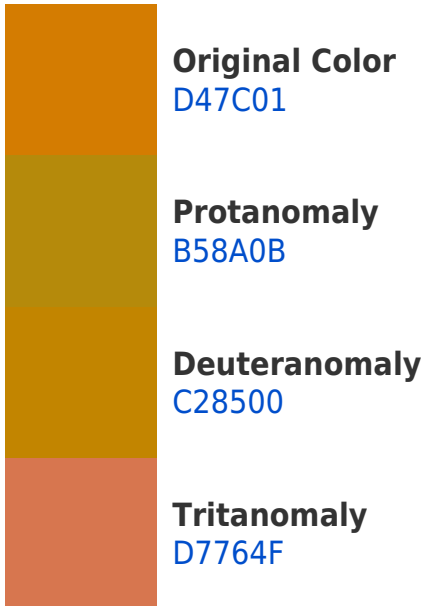
Protanopia
A49210

Deuteranopia
B88A00

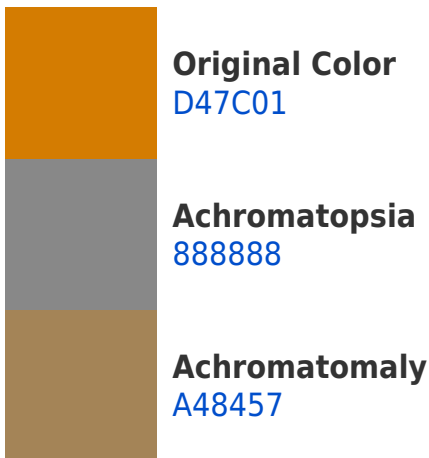


Tritanopia
D8737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D47C01 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 #D47C01 looks like.

```
.text, #text, p{  
    color:#D47C01  
}
```

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 #D47C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47C01
}
```

Border

The CSS property to change the border of an element to Hex D47C01 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
#D47C01 }
```

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

```
.border{ border-color:#D47C01 }
```

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

Here you see how a box with a 4 pixel #D47C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47C01; -webkit-box-shadow:4px 4px  
4px 4px #D47C01; box-shadow:4px 4px 4px  
4px #D47C01 }
```

Background

The CSS property to change the background color of an element to Hex D47C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47C01 }
```

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

```
.background{ background-color:#D47C01 }
```

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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