

# Converting Colors

Hex(D47C38)

Have a look what the booklet for  
Hex(D47C38) contains.

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**Color**

**Hex(D47C38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D47C38
RGB	212, 124, 56
RGB Percent	83%, 49%, 22%
CMY	0.1686, 0.5137, 0.7804
CMYK	0.00, 0.42, 0.74, 0.17
HSL	26°, 64%, 53%
HSV	26°, 74%, 83%
XYZ	35.0728, 28.6979, 7.4321
YIQ	142.5600, 74.2760, -2.4920

# Conversions

## Conversions Part 2

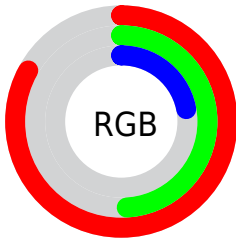
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 177, 56
Decimal	13925432
CIE Lab	60.51, 28.83, 50.18
CIE LCh	61, 57.876, 60.125
Yxy	28.6979, 0.4926, 0.4030
Android (android.graphics.Color)	4292115512 (0xFFD47C38)
YUV	142.5600, -42.6741, 60.8989
Hunter-Lab	53.5704, 23.1167, 29.2737

# Details

The Hex color **D47C38** 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 **3890D4**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FFB16B**, and **984A01** is the 20% darker color. If you saturate the color by 10%, you get **D47023**, and if you desaturate by 10%, it is **D4884D**.

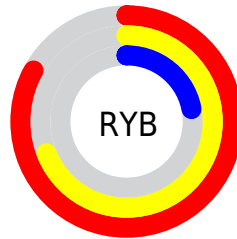
# Distribution



Red (83%)

Green (49%)

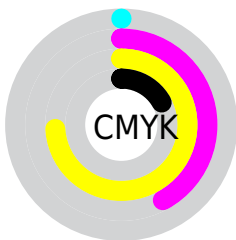
Blue (22%)



Red (83%)

Yellow (69%)

Blue (22%)

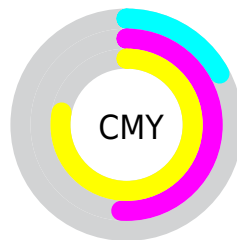


Cyan (0%)

Magenta (42%)

Yellow (74%)

Black (17%)



Cyan (17%)

Magenta (51%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D47C38 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 D47C38 by changing the saturation by 10% instead.



 D47C38

 D47C38

FFFFFF

 B6631F

 FFB16B

 984A01

 FFCD85

 7B3200

 FFE99F

 5E1B00

 FFFFBB

 420300

 FFFFD7

 2B0001

 FFFFF4

 000000

 D47C38

 D47C38

 D47023

 D4884D

 D4640E

 D49462

 D45C00

 D4A078

 D4AC8D

 D4B8A2

 D4C4B7

 D4D0CC

 D4DCE2

 D4E8F7

# Harmonies

## Analogous

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



EC6962



D47C38



AC8F21

# Triad

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



D47C38



00AA91



9284EB

# Complementary

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



D47C38



3890D4

# 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.



0098F8



D47C38



00AAC4

# Square

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



D47C38



2AA65D



00A4EA



D06FC6

# Rectangle

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



D47C38



8C9A28



00A4EA



748BF2



# Sweetspot

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



D47C38



FFDFC7



D43890



806D5E



000000



808080



# Same Dimension

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



D47C38



FF801F



D4CA38



6B6560



AB4A00



2B1300



# Inverse Universe

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



3890D4



1F9DFF



3842D4



60666B



0060AB



00182B



# Previews

## White Background



This preview shows how the Hex color D47C38 looks on a white background.

## Color Contrast Check

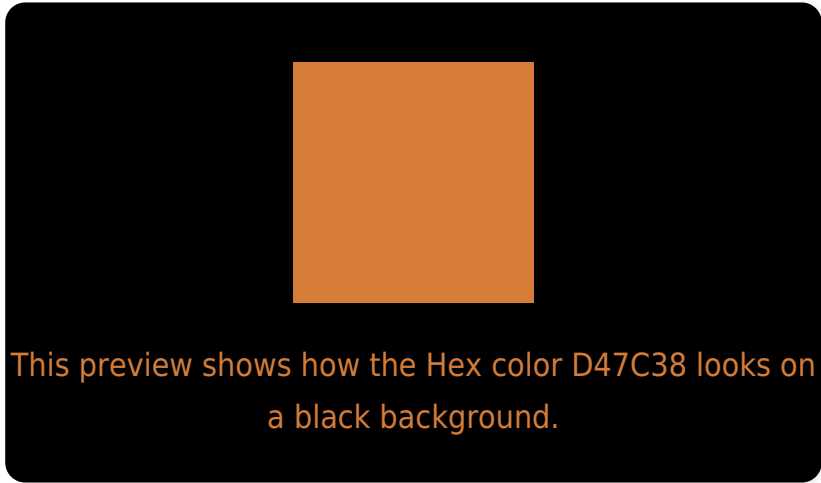
Large Text (above 18pt) WCAG AA ✓ Pass

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

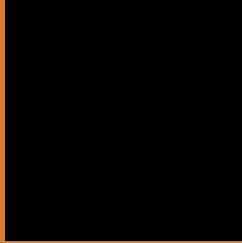
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D47C38 Background



This preview shows how black text looks on a background with the Hex color D47C38.



This preview shows how white text looks on a background with the Hex color D47C38.

# 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**  
D47C38

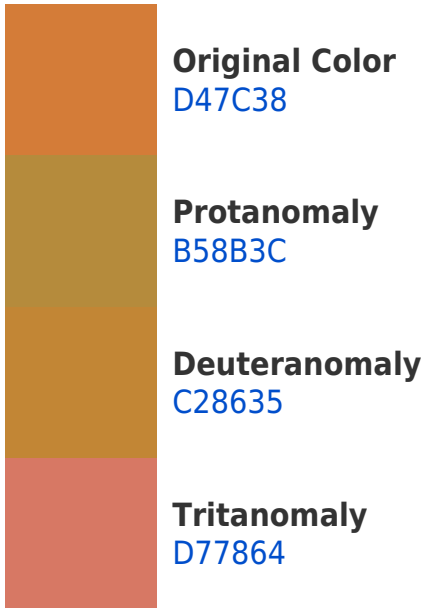
**Protanopia**  
A3933F

**Deuteranopia**  
B78B34

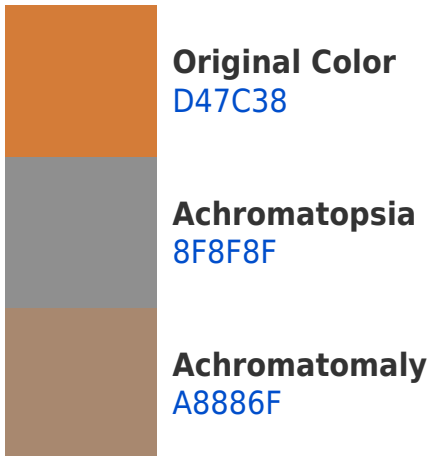


**Tritanopia**  
D8757D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D47C38 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 #D47C38 looks like.

```
.text, #text, p{  
  color:#D47C38  
}
```

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 #D47C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D47C38
}
```

## Border

The CSS property to change the border of an element to Hex D47C38 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
#D47C38 }
```

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

```
.border{ border-color:#D47C38 }
```

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

Here you see how a box with a 4 pixel #D47C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D47C38; -webkit-box-shadow:4px 4px  
4px 4px #D47C38; box-shadow:4px 4px 4px  
4px #D47C38 }
```

# Background

The CSS property to change the background color of an element to Hex D47C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D47C38 }
```

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

```
.background{ background-color:#D47C38 }
```

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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