

# Converting Colors

Hex(D48F46)

Have a look what the booklet for  
Hex(D48F46) contains.

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**Color**

**Hex(D48F46)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D48F46
RGB	212, 143, 70
RGB Percent	83%, 56%, 27%
CMY	0.1686, 0.4392, 0.7255
CMYK	0.00, 0.33, 0.67, 0.17
HSL	31°, 62%, 55%
HSV	31°, 67%, 83%
XYZ	38.0793, 34.0842, 10.3663
YIQ	155.3090, 64.5570, -8.0750

# Conversions

## Conversions Part 2

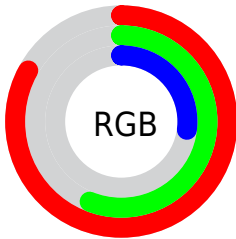
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 212, 70
Decimal	13930310
CIELab	65.03, 19.33, 48.38
CIELCh	65, 52.102, 68.218
Yxy	34.0842, 0.4614, 0.4130
Android (android.graphics.Color)	4292120390 (0xFFD48F46)
YUV	155.3090, -42.0573, 49.7180
Hunter-Lab	58.3816, 14.2584, 30.3396

# Details

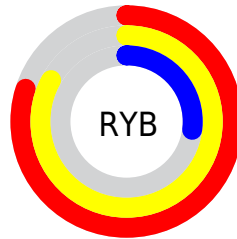
The Hex color **D48F46** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **468BD4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC579**, and **995D12** is the 20% darker color. If you saturate the color by 10%, you get **D48531**, and if you desaturate by 10%, it is **D4995B**.

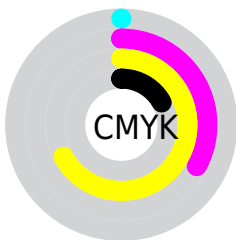
# Distribution



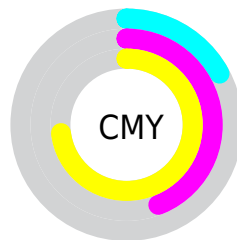
- Red (83%)
- Green (56%)
- Blue (27%)



- Red (80%)
- Yellow (83%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (67%)
- Black (17%)



- Cyan (17%)
- Magenta (44%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D48F46 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 D48F46 by changing the saturation by 10% instead.



 D48F46

 D48F46

FFFFFF

 B6752D

 FFC579

 995D12

 FFE194

 7C4500

 FFFEAF

 602E00

 FFFF CB

 451900

 FFFF E7

 2B0200

 000000

 D48F46

 D48F46

 D48531

 D4995B

 D47A1C

 D4A470

 D47006

 D4AE86

 D46D00

 D4B89B

 D4C3B0

 D4CDC5

 D4D7DA

 D4E1F0

 D4ECFF

# Harmonies

## Analogous

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



EE7E66



D48F46



AC9F3C

# Triad

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



D48F46



00B5AA



B28CE7

# Complementary

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



D48F46



468BD4

# 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.



619FFA



D48F46



00B3D6

# Square

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



D48F46



2FB37A



00ACF4



E17BC1

# Rectangle

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



D48F46



8CA847



00ACF4



9B93F0

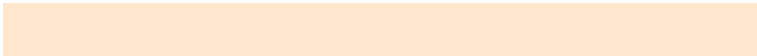


# Sweetspot

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



D48F46



FFE6CC



D4468D



807161



000000



808080



# Same Dimension

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



D48F46



FF9C33



D4D446



6B6660



AB5800



2B1600



# Inverse Universe

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



468BD4



3396FF



4646D4



60666B



0053AB

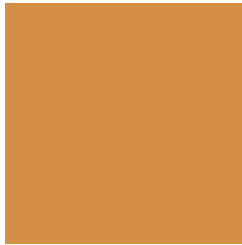


00152B



# Previews

## White Background



This preview shows how the Hex color D48F46 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

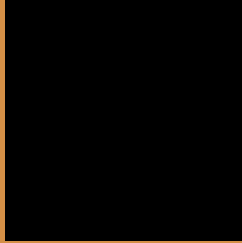
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D48F46 Background



This preview shows how black text looks on a background with the Hex color D48F46.



This preview shows how white text looks on a background with the Hex color D48F46.

# 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**  
D48F46

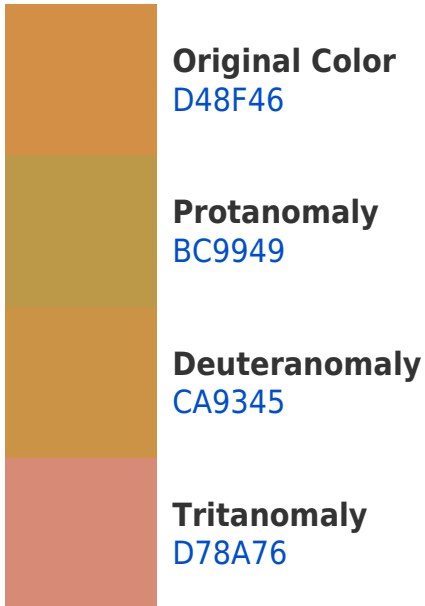
**Protanopia**  
AF9E4B

**Deuteranopia**  
C49644

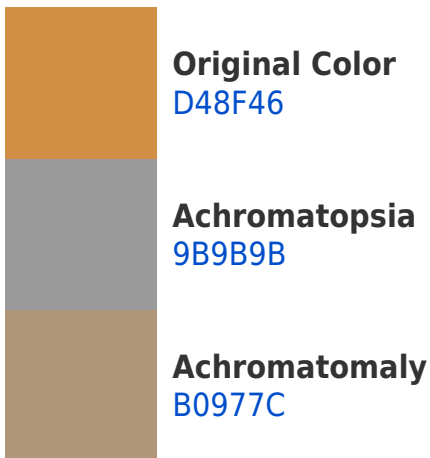


**Tritanopia**  
D98791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D48F46 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 #D48F46 looks like.

```
.text, #text, p{  
    color:#D48F46  
}
```

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 #D48F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D48F46
}
```

## Border

The CSS property to change the border of an element to Hex D48F46 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
#D48F46 }
```

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

```
.border{ border-color:#D48F46 }
```

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

Here you see how a box with a 4 pixel #D48F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D48F46; -webkit-box-shadow:4px 4px  
4px 4px #D48F46; box-shadow:4px 4px 4px  
4px #D48F46 }
```

# Background

The CSS property to change the background color of an element to Hex D48F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D48F46 }
```

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

```
.background{ background-color:#D48F46 }
```

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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