

# Converting Colors

Hex(D98F48)

Have a look what the booklet for  
Hex(D98F48) contains.

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**Color**

**Hex(D98F48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D98F48
RGB	217, 143, 72
RGB Percent	85%, 56%, 28%
CMY	0.1490, 0.4392, 0.7176
CMYK	0.00, 0.34, 0.67, 0.15
HSL	29°, 66%, 57%
HSV	29°, 67%, 85%
XYZ	39.6074, 34.8645, 10.7729
YIQ	157.0320, 66.8950, -6.3930

# Conversions

## Conversions Part 2

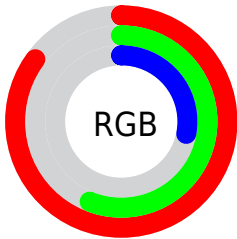
Format	Color
<a href="#">RYB</a>	<a href="#">217, 211, 72</a>
Decimal	<a href="#">14257992</a>
CIELab	<a href="#">65.64, 21.55, 48.26</a>
CIElCh	<a href="#">66, 52.856, 65.933</a>
Yxy	<a href="#">34.8645, 0.4646, 0.4090</a>
Android (android.graphics.Color)	<a href="#">4292448072 (0xFFD98F48)</a>
YUV	<a href="#">157.0320, -41.9208, 52.5919</a>
Hunter-Lab	<a href="#">59.0462, 16.4047, 30.5150</a>

# Details

The Hex color **D98F48** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4892D9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC57B**, and **9E5C15** is the 20% darker color. If you saturate the color by 10%, you get **D98432**, and if you desaturate by 10%, it is **D99A5E**.

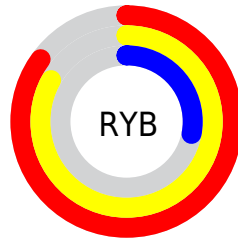
# Distribution



Red (85%)

Green (56%)

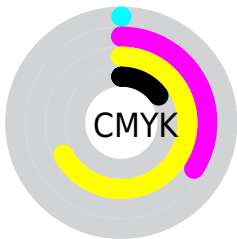
Blue (28%)



Red (85%)

Yellow (83%)

Blue (28%)

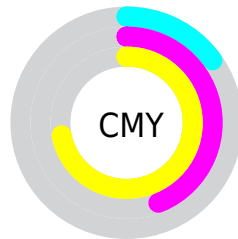


Cyan (0%)

Magenta (34%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (44%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D98F48 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 D98F48 by changing the saturation by 10% instead.



 D98F48

 D98F48

FFFFFF

 BB752F

 FFC57B

 9E5C15

 FFE196

 814500

 FFFEB1

 652E00

 FFFFCD

 491800

 FFFFEE

 2E0200

 070000

 000000

 D98F48

 D98F48

 D98432

 D99A5E

 D9791D

 D9A573

 D96E07

 D9B089

 D96A00

 D9BB9F

 D9C6B4

 D9D1CA

 D9DDE0

 D9E8F6

 D9F3FF

# Harmonies

## Analogous

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



F27E6A



D98F48



B1A03C

# Triad

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



D98F48



00B7A8



AF8FEC

# Complementary

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



D98F48



4892D9

# 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.



58A1FE



D98F48



00B6D6

# Square

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



D98F48



38B477



00AFF5



E17DC7

# Rectangle

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



D98F48



91A946



00AFF5



9796F5

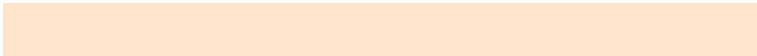


# Sweetspot

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



D98F48



FFE5CC



D94893



807061



000000



808080



# Same Dimension

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



D98F48



FF9733



D9D748



6E6863



AD5500



2E1600



# Inverse Universe

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



4892D9



339BFF



484AD9



63686E



0058AD

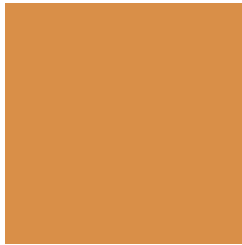


00172E



# Previews

## White Background



This preview shows how the Hex color D98F48 looks on a white background.

## Color Contrast Check

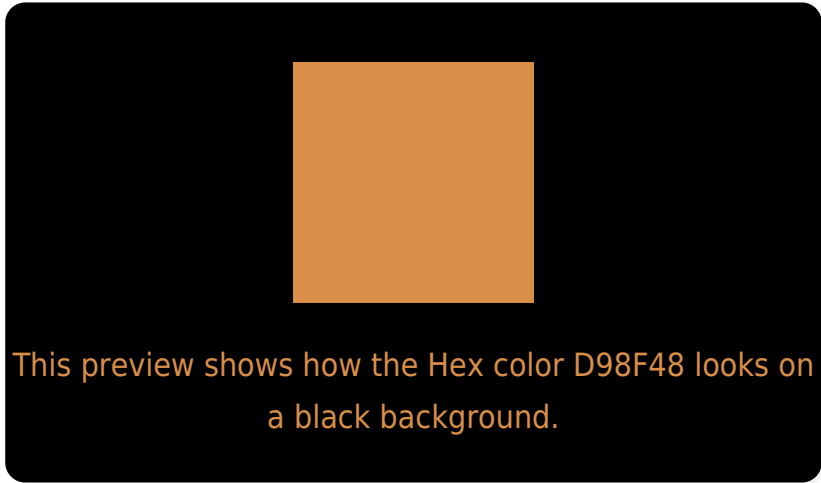
Large Text (above 18pt) WCAG AA × Fail

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

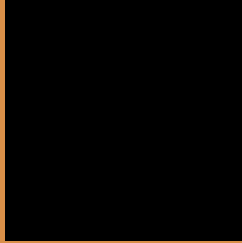
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D98F48 Background



This preview shows how black text looks on a background with the Hex color D98F48.



This preview shows how white text looks on a background with the Hex color D98F48.

# 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**  
D98F48

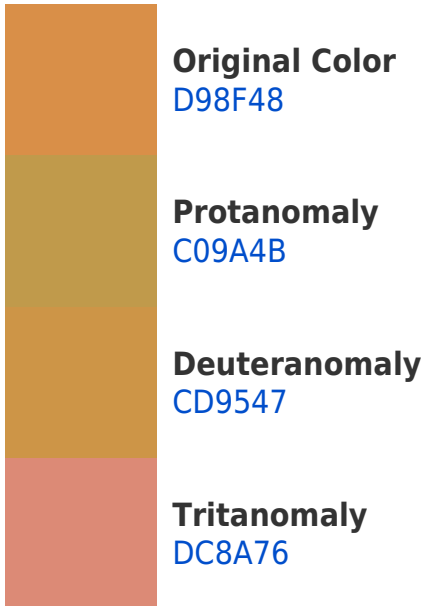
**Protanopia**  
B1A04D

**Deuteranopia**  
C69846

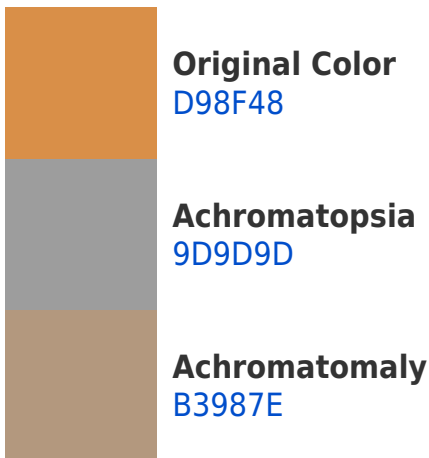


**Tritanopia**  
DE8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D98F48 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 #D98F48 looks like.

```
.text, #text, p{  
    color:#D98F48  
}
```

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 #D98F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D98F48
}
```

## Border

The CSS property to change the border of an element to Hex D98F48 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
#D98F48 }
```

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

```
.border{ border-color:#D98F48 }
```

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

Here you see how a box with a 4 pixel #D98F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D98F48; -webkit-box-shadow:4px 4px  
4px 4px #D98F48; box-shadow:4px 4px 4px  
4px #D98F48 }
```

# Background

The CSS property to change the background color of an element to Hex D98F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D98F48 }
```

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

```
.background{ background-color:#D98F48 }
```

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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