

# Converting Colors

Hex(D08749)

Have a look what the booklet for  
Hex(D08749) contains.

<b>Hex(D08749)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D08749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D08749
RGB	208, 135, 73
RGB Percent	82%, 53%, 29%
CMY	0.1843, 0.4706, 0.7137
CMYK	0.00, 0.35, 0.65, 0.18
HSL	28°, 59%, 55%
HSV	28°, 65%, 82%
XYZ	35.8790, 31.2189, 10.4381
YIQ	149.7590, 63.4100, -3.8060

# Conversions

## Conversions Part 2

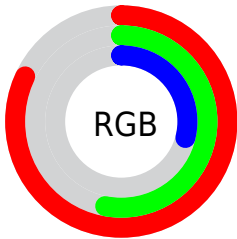
Format	Color
R <sub>Y</sub> B	208, 188, 73
Decimal	13666121
CIE Lab	62.69, 22.17, 44.14
CIE LCh	63, 49.395, 63.334
Yxy	31.2189, 0.4627, 0.4026
Android (android.graphics.Color)	4291856201 (0xFFD08749)
YUV	149.7590, -37.8422, 51.0774
Hunter-Lab	55.8739, 16.8432, 28.0354

# Details

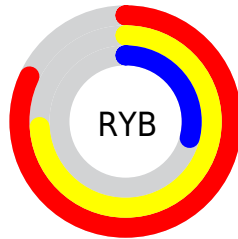
The Hex color **D08749** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4992D0**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBD7C**, and **955518** is the 20% darker color. If you saturate the color by 10%, you get **D07C34**, and if you desaturate by 10%, it is **D0925E**.

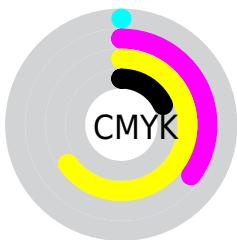
# Distribution



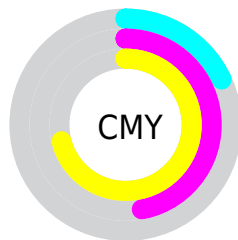
- Red (82%)
- Green (53%)
- Blue (29%)



- Red (82%)
- Yellow (74%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (65%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D08749 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 D08749 by changing the saturation by 10% instead.



 D08749

 D08749

FFFFFF

 B26D31

 FFBD7C

 955518


 FFD896

 793D00

 FFF5B1

 5D2700

 FFFFCD

 411100

 FFFFEE

 290000

 000000

 D08749

 D08749

 D07C34

 D0925E

 D0711F

 D09D73

 D0650B

 D0A987

 D06000

 D0B49C

 D0BFB1

 D0CAC6

 D0D6DB

 D0E1EF

 D0ECFF

# Harmonies

## Analogous

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



E6786A



D08749



AC973C

# Triad

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



D08749



00AE9B



A18AE1

# Complementary

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



D08749



4992D0

# 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.



4E9BEF



D08749



00ACC7

# Square

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



D08749



42AB6F



00A6E5



D279C0

# Rectangle

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



D08749



8FA043



00A6E5



8A90E8



# Sweetspot

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



D08749



FFE5CF



D04993



807062



000000



808080



# Same Dimension

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



D08749



FF9338



D0C949



69635E



A84D00



291300



# Inverse Universe

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



4992D0



38A4FF



4950D0



5E6469



005BA8

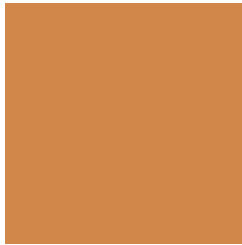


001629



# Previews

## White Background



This preview shows how the Hex color D08749 looks on a white background.

## Color Contrast Check

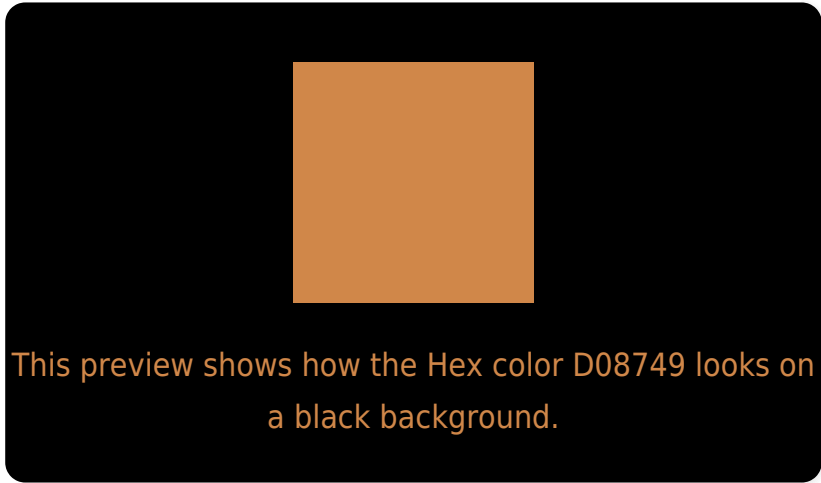
Large Text (above 18pt) WCAG AA × Fail

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

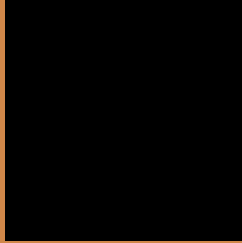
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D08749 Background



This preview shows how black text looks on a background with the Hex color D08749.



This preview shows how white text looks on a background with the Hex color D08749.

# 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**  
D08749

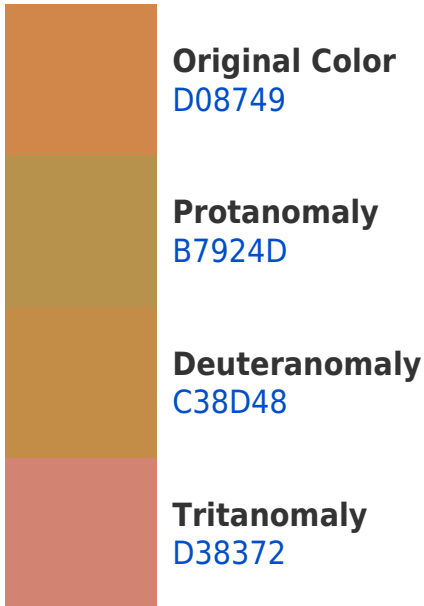
**Protanopia**  
A8984F

**Deuteranopia**  
BC9147

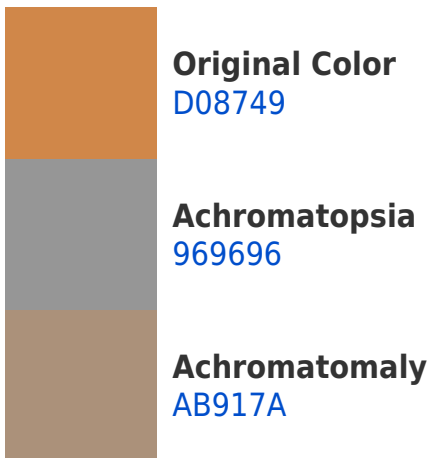


**Tritanopia**  
D48089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D08749 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 #D08749 looks like.

```
.text, #text, p{  
    color:#D08749  
}
```

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 #D08749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D08749
}
```

## Border

The CSS property to change the border of an element to Hex D08749 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
#D08749 }
```

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

```
.border{ border-color:#D08749 }
```

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

Here you see how a box with a 4 pixel #D08749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D08749; -webkit-box-shadow:4px 4px  
4px 4px #D08749; box-shadow:4px 4px 4px  
4px #D08749 }
```

# Background

The CSS property to change the background color of an element to Hex D08749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D08749 }
```

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

```
.background{ background-color:#D08749 }
```

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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