

# Converting Colors

Hex(DF8D17)

Have a look what the booklet for  
Hex(DF8D17) contains.

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# **Color**

**Hex(DF8D17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF8D17
RGB	223, 141, 23
RGB Percent	87%, 55%, 9%
CMY	0.1255, 0.4471, 0.9098
CMYK	0.00, 0.37, 0.90, 0.13
HSL	35°, 81%, 48%
HSV	35°, 90%, 87%
XYZ	40.1110, 34.7996, 5.4135
YIQ	152.0660, 86.7500, -19.3140

# Conversions

## Conversions Part 2

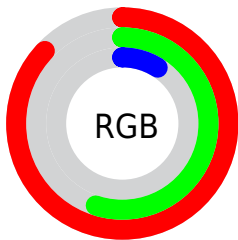
Format	Color
R <sub>YB</sub>	162, 223, 23
Decimal	14650647
CIE Lab	65.59, 23.35, 67.13
CIE LCh	66, 71.079, 70.822
Yxy	34.7996, 0.4994, 0.4332
Android (android.graphics.Color)	4292840727 (0xFFDF8D17)
YUV	152.0660, -63.6295, 62.2091
Hunter-Lab	58.9912, 18.1362, 35.8529

# Details

The Hex color **DF8D17** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **1769DF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC353**, and **A25B00** is the 20% darker color. If you saturate the color by 10%, you get **DF8401**, and if you desaturate by 10%, it is **DF962D**.

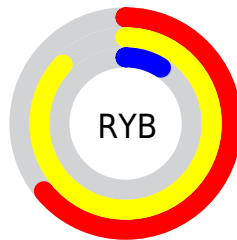
# Distribution



Red (87%)

Green (55%)

Blue (9%)



Red (64%)

Yellow (87%)

Blue (9%)

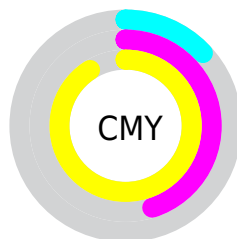


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (13%)



Cyan (13%)

Magenta (45%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF8D17 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 DF8D17 by changing the saturation by 10% instead.



 DF8D17

 DF8D17

FFFFFF

 C07300

 FFC353

 A25B00

 FFDF6E

 844300

 FFFB89

 662C00

 FFFFA5

 4A1600

 FFFFC1

 300000

 FFFFDE

 0B0000

 FFFFFB

 000000

 DF8D17

 DF8D17

■ DF8401

■ DF962D

■ DF8400

■ DF9F44

■ DFA85A

■ DFB270

■ DFBB86

■ DFC49D

■ DFCDB3

■ DFD6C9

■ DFDFE0

# Harmonies

## Analogous

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



FF714F



DF8D17



A9A400

# Triad

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



DF8D17



00BDB5



BF84FF

# Complementary

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



DF8D17



1769DF

# 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.



319FFF



DF8D17



00BBF1

# Square

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



DF8D17



00BA73



00B2FF



FC67CB

# Rectangle

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



DF8D17



7CAE21



00B2FF



9F8EFF



# Sweetspot

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



DF8D17



FFE3BA



DF176A



806F57



000000



808080



# Same Dimension

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



DF8D17



FF9600



CEDF17



706C65



B06800



301D00



# Inverse Universe

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



1769DF



0069FF



2817DF



656A70



0048B0



001430



# Previews

## White Background



This preview shows how the Hex color DF8D17 looks on a white background.

## Color Contrast Check

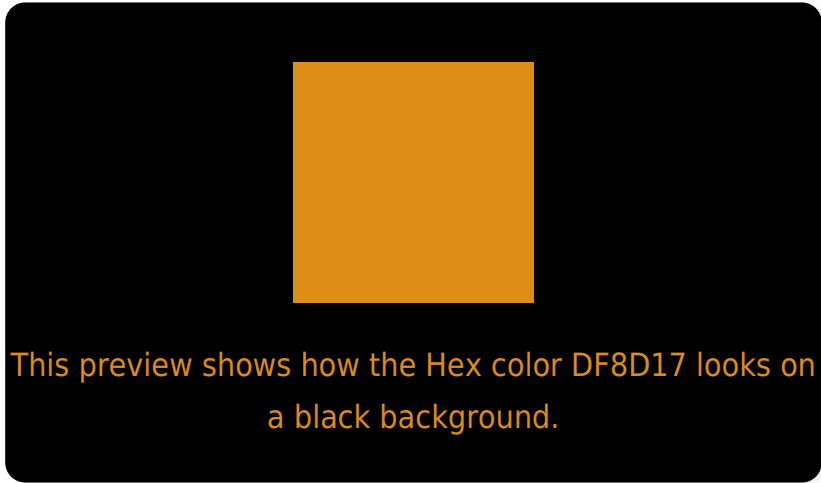
Large Text (above 18pt) WCAG AA × Fail

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 DF8D17 Background



This preview shows how black text looks on a background with the Hex color DF8D17.

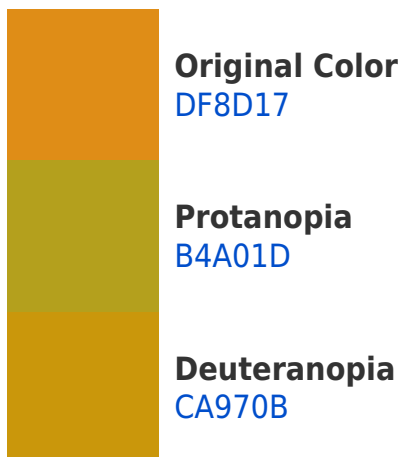



This preview shows how white text looks on a background with the Hex color DF8D17.

# 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](#).

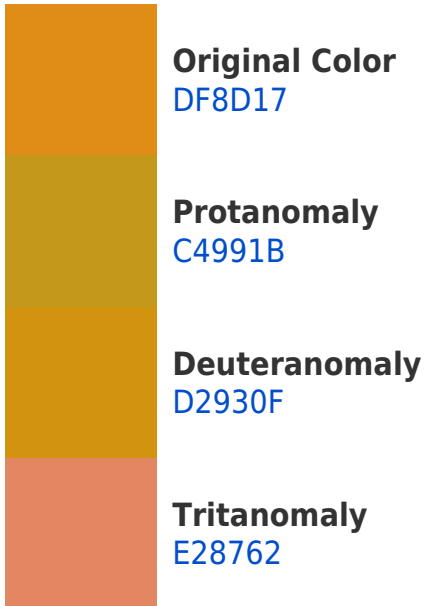
## Dichromacy



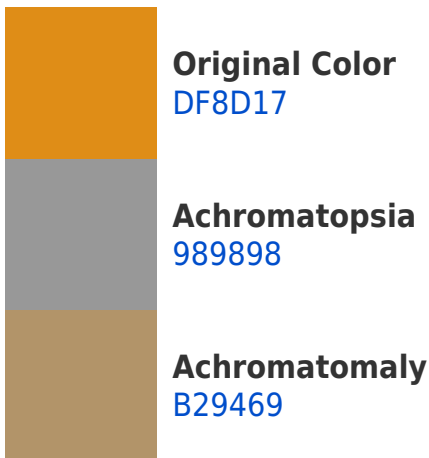


**Tritanopia**  
E4838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF8D17 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 #DF8D17 looks like.

```
.text, #text, p{  
    color:#DF8D17  
}
```

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 #DF8D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF8D17  
}
```

## Border

The CSS property to change the border of an element to Hex DF8D17 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  
#DF8D17 }
```

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

```
.border{ border-color:#DF8D17 }
```

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

Here you see how a box with a 4 pixel #DF8D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF8D17; -webkit-box-shadow:4px 4px  
4px 4px #DF8D17; box-shadow:4px 4px 4px  
4px #DF8D17 }
```

# Background

The CSS property to change the background color of an element to Hex DF8D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF8D17 }
```

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

```
.background{ background-color:#DF8D17 }
```

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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