

# Converting Colors

Hex(DF9A1F)

Have a look what the booklet for  
Hex(DF9A1F) contains.

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# **Color**

**Hex(DF9A1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF9A1F
RGB	223, 154, 31
RGB Percent	87%, 60%, 12%
CMY	0.1255, 0.3961, 0.8784
CMYK	0.00, 0.31, 0.86, 0.13
HSL	38°, 76%, 50%
HSV	38°, 86%, 87%
XYZ	42.2343, 38.8981, 6.5784
YIQ	160.6090, 80.6070, -23.6250

# Conversions

## Conversions Part 2

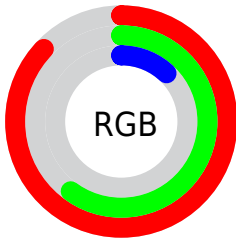
Format	Color
<a href="#">RYB</a>	<a href="#">139, 223, 31</a>
Decimal	<a href="#">14653983</a>
CIELab	<a href="#">68.68, 16.56, 67.52</a>
CIELCh	<a href="#">69, 69.517, 76.222</a>
Yxy	<a href="#">38.8981, 0.4815, 0.4435</a>
Android (android.graphics.Color)	<a href="#">4292844063</a> ( <a href="#">0xFFDF9A1F</a> )
YUV	<a href="#">160.6090, -63.8972, 54.7169</a>
Hunter-Lab	<a href="#">62.3683, 11.7313, 37.4041</a>

# Details

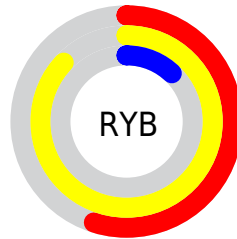
The Hex color **DF9A1F** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1F64DF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFD059**, and **A26700** is the 20% darker color. If you saturate the color by 10%, you get **DF9209**, and if you desaturate by 10%, it is **DFA235**.

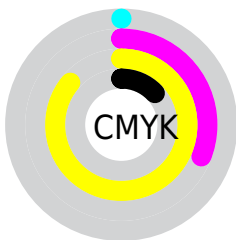
# Distribution



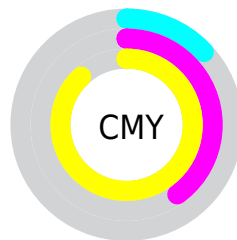
- Red (87%)
- Green (60%)
- Blue (12%)



- Red (55%)
- Yellow (87%)
- Blue (12%)



- Cyan (0%)
- Magenta (31%)
- Yellow (86%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF9A1F 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 DF9A1F by changing the saturation by 10% instead.



 DF9A1F

 DF9A1F

FFFFFF

 C08000

 FFD059

 A26700

 FFEC75

 854F00

 FFFF90

 683800

 FFFFAC

 4C2200

 FFFFC9

 310E00

 FFFFEE

 170000

 000000

 DF9A1F

 DF9A1F

■ DF9209

■ DFA235

■ DF8F00

■ DF8A4C

■ DFB262

■ DFBA78

■ DFC28F

■ DFCAA5

■ DFD2BB

■ DFDAD1

■ DFE2E8

# Harmonies

## Analogous

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



FF804E



DF9A1F



A7AF19

# Triad

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



DF9A1F



00C5C9



D687FF

# Complementary

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



DF9A1F



1F64DF

# 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.



6BA3FF



DF9A1F



00C2FF

# Square

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



DF9A1F



00C387



00B7FF



FF6FC7

# Rectangle

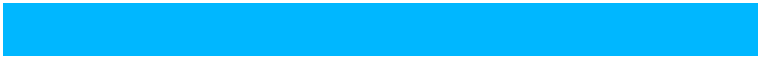
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF9A1F



79B938



00B7FF



BA91FF



# Sweetspot

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



DF9A1F



FFE7BD



DF1F65



807158



000000



808080



# Same Dimension

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



DF9A1F



FFA300



C5DF1F



706C65



B07100



301F00



# Inverse Universe

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



1F64DF



005CFF



391FDF



656970



003FB0



001130



# Previews

## White Background



This preview shows how the Hex color DF9A1F looks on a white background.

## Color Contrast Check

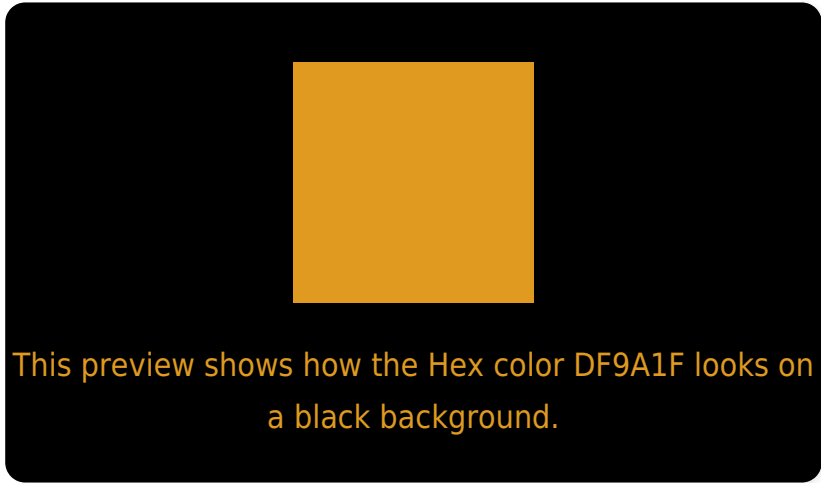
Large Text (above 18pt) WCAG AA × Fail

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 DF9A1F Background



This preview shows how black text looks on a background with the Hex color DF9A1F.



This preview shows how white text looks on a background with the Hex color DF9A1F.

# 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**  
DF9A1F

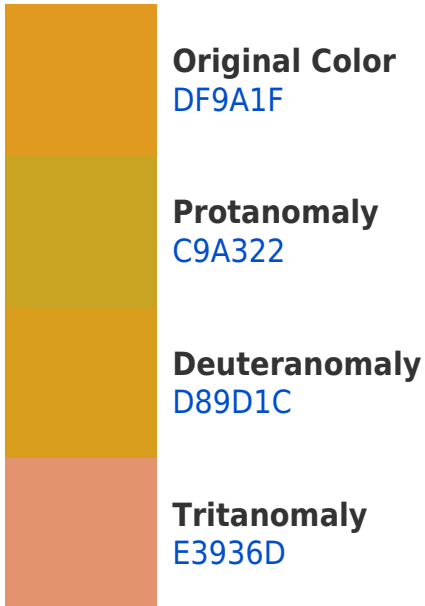
**Protanopia**  
BDA823

**Deuteranopia**  
D49F1B

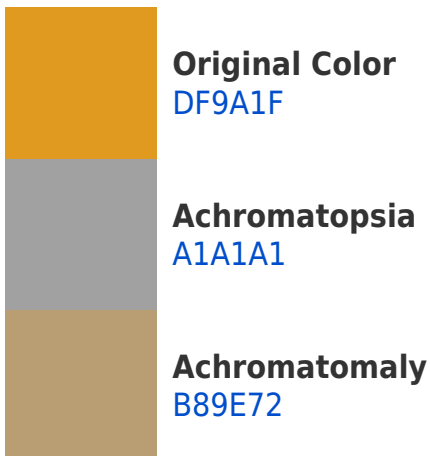


**Tritanopia**  
E68F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF9A1F 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 #DF9A1F looks like.

```
.text, #text, p{  
    color:#DF9A1F  
}
```

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 #DF9A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9A1F
}
```

## Border

The CSS property to change the border of an element to Hex DF9A1F 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
#DF9A1F }
```

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

```
.border{ border-color:#DF9A1F }
```

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

Here you see how a box with a 4 pixel #DF9A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9A1F; -webkit-box-shadow:4px 4px  
4px 4px #DF9A1F; box-shadow:4px 4px 4px  
4px #DF9A1F }
```

# Background

The CSS property to change the background color of an element to Hex DF9A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9A1F }
```

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

```
.background{ background-color:#DF9A1F }
```

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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