

Converting Colors

Hex(DF900F)

Have a look what the booklet for
Hex(DF900F) contains.

Hex(DF900F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DF900F)

Conversions

Conversions Part 1

Format	Color
Hex	DF900F
RGB	223, 144, 15
RGB Percent	87%, 56%, 6%
CMY	0.1255, 0.4353, 0.9412
CMYK	0.00, 0.35, 0.93, 0.13
HSL	37°, 87%, 47%
HSV	37°, 93%, 87%
XYZ	40.4909, 35.6690, 5.2026
YIQ	152.9150, 88.4930, -23.3710

Conversions

Conversions Part 2

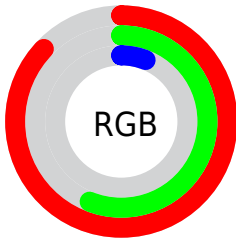
Format	Color
RYB	142, 223, 15
Decimal	14651407
CIELab	66.27, 21.63, 69.26
CIELCh	66, 72.561, 72.661
Yxy	35.6690, 0.4977, 0.4384
Android (android.graphics.Color)	4292841487 (0xFFDF900F)
YUV	152.9150, -67.9921, 61.4645
Hunter-Lab	59.7235, 16.5020, 36.6416

Details

The Hex color **DF900F** 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 **0F5EDF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFC64F**, and **A25E00** is the 20% darker color. If you saturate the color by 10%, you get **DF8A00**, and if you desaturate by 10%, it is **DF9825**.

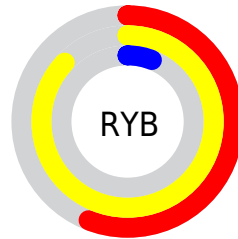
Distribution



Red (87%)

Green (56%)

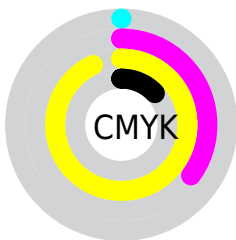
Blue (6%)



Red (56%)

Yellow (87%)

Blue (6%)

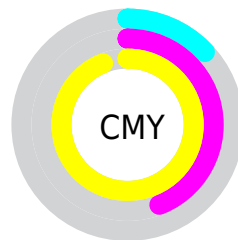


Cyan (0%)

Magenta (35%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (44%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF900F 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 DF900F by changing the saturation by 10% instead.

 DF900F

 DF900F

FFFFFF

 C07600

 FFC64F

 A25E00

 FFE26B

 844600

 FFFF86

 662F00

 FFFFA2

 4A1900

 FFFFBE

 300300

 FFFFDB

 0E0000

 FFFFF8

 000000

 DF900F

 DF900F

■ DF8A00

■ DF9825

■ DFA13C

■ DFA952

■ DFB268

■ DFBA7E

■ DFC395

■ DFCBAB

■ DFD4C1

■ DFDCD8

Harmonies

Analogous

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



FF744B



DF900F



A7A700

Triad

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



DF900F



00BFBC



C783FF

Complementary

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



DF900F



0F5EDF

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.



419FFF



DF900F



00BDF8

Square

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



DF900F



00BD78



00B3FF



FF66CA

Rectangle

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



DF900F



78B122



00B3FF



A78DFF

Sweetspot

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



DF900F



FFE4B8



DF0F5F



806F54



000000



808080

Same Dimension

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



DF900F



FF9E00



C7DF0F



706C65



B06D00



301E00

Inverse Universe

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



0F5EDF



0061FF



270FDF



656970



0043B0



001230

Previews

White Background



This preview shows how the Hex color DF900F looks on a white background.

Color Contrast Check

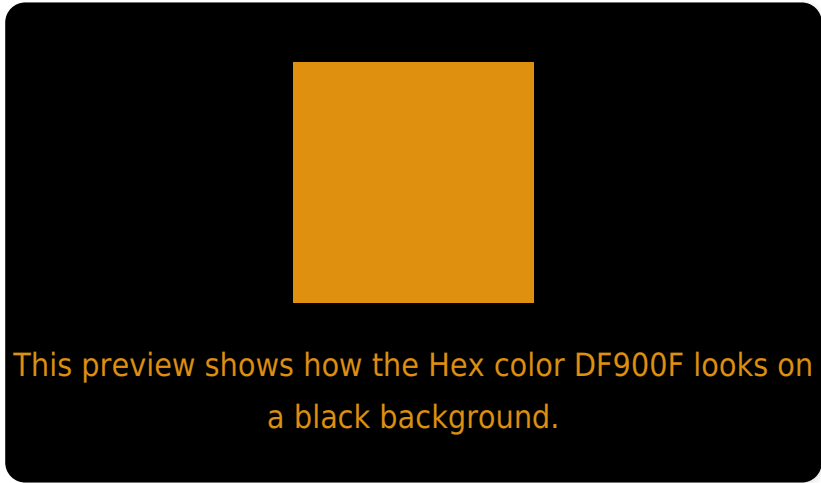
Large Text (above 18pt) WCAG AA × Fail

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 DF900F Background



This preview shows how black text looks on a background with the Hex color DF900F.

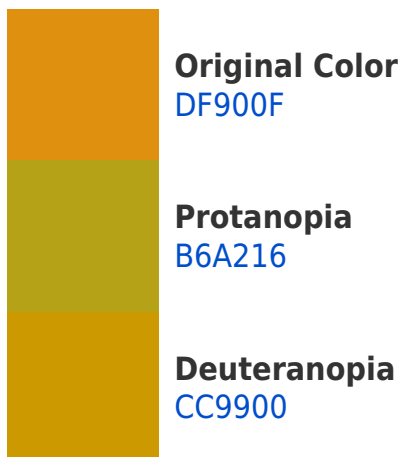


This preview shows how white text looks on a background with the Hex color DF900F.

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](#).

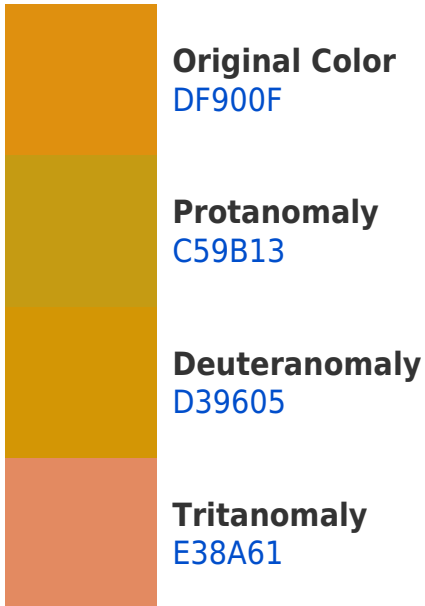
Dichromacy



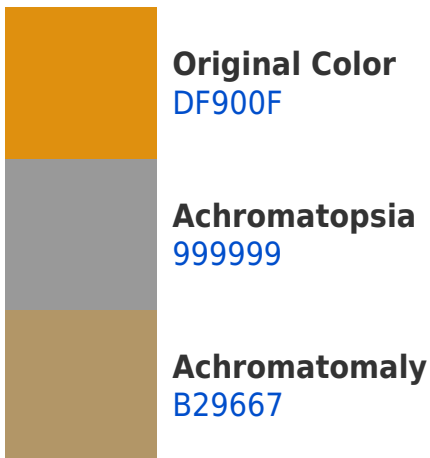


Tritanopia
E58690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF900F 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 #DF900F looks like.

```
.text, #text, p{  
  color:#DF900F  
}
```

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 #DF900F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF900F
}
```

Border

The CSS property to change the border of an element to Hex DF900F 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
#DF900F }
```

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

```
.border{ border-color:#DF900F }
```

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

Here you see how a box with a 4 pixel #DF900F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF900F; -webkit-box-shadow:4px 4px  
4px 4px #DF900F; box-shadow:4px 4px 4px  
4px #DF900F }
```

Background

The CSS property to change the background color of an element to Hex DF900F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF900F }
```

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

```
.background{ background-color:#DF900F }
```

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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