

Converting Colors

Hex(DF9614)

Have a look what the booklet for
Hex(DF9614) contains.

Hex(DF9614)	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(DF9614)

Conversions

Conversions Part 1

Format	Color
Hex	DF9614
RGB	223, 150, 20
RGB Percent	87%, 59%, 8%
CMY	0.1255, 0.4118, 0.9216
CMYK	0.00, 0.33, 0.91, 0.13
HSL	38°, 84%, 48%
HSV	38°, 91%, 87%
XYZ	41.4640, 37.5512, 5.7245
YIQ	157.0070, 85.2380, -24.9540

Conversions

Conversions Part 2

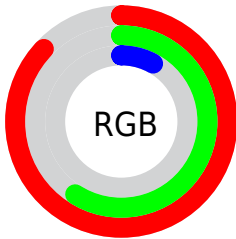
Format	Color
RYB	134, 223, 20
Decimal	14652948
CIELab	67.69, 18.48, 69.37
CIELCh	68, 71.787, 75.078
Yxy	37.5512, 0.4893, 0.4431
Android (android.graphics.Color)	4292843028 (0xFFDF9614)
YUV	157.0070, -67.5445, 57.8759
Hunter-Lab	61.2790, 13.5426, 37.3566

Details

The Hex color **DF9614** 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 **145DDF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCC52**, and **A26300** is the 20% darker color. If you saturate the color by 10%, you get **DF8F00**, and if you desaturate by 10%, it is **DF9E2A**.

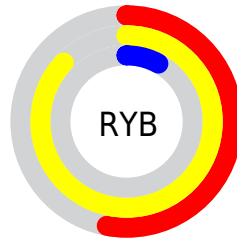
Distribution



Red (87%)

Green (59%)

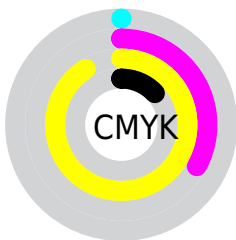
Blue (8%)



Red (53%)

Yellow (87%)

Blue (8%)

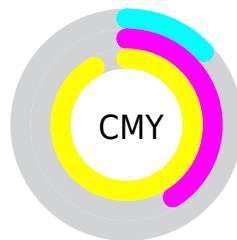


Cyan (0%)

Magenta (33%)

Yellow (91%)

Black (13%)



Cyan (13%)

Magenta (41%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color DF9614 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 DF9614 by changing the saturation by 10% instead.

DF9614

DF9614

FFFFFF

C07C00

FFCC52

A26300

FFE86E

844B00

FFFF8A

673500

FFFFA5

4B1F00

FFFFC2

300A00

FFFFDF

130000

FFFFFC

000000

DF9614

DF9614

■ DF8F00

■ DF9E2A

■ DFA641

■ DFAE57

■ DFB66D

■ DFBE83

■ DFC69A

■ DFCEB0

■ DFD6C6

■ DFDEDD

Harmonies

Analogous

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



FF7A4B



DF9614



A6AC03

Triad

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



DF9614



00C3C5



D185FF

Complementary

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



DF9614



145DDF

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.



5CA1FF



DF9614



00C0FF

Square

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



DF9614



00C181



00B5FF



FF69C8

Rectangle

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



DF9614



77B62E



00B5FF



B48FFF

Sweetspot

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



DF9614



FFE6BA



DF145E



807157



000000



808080

Same Dimension

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



DF9614



FFA300



C4DF14



706C65



B07100



301F00

Inverse Universe

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



145DDF



005CFF



2F14DF



656970



003FB0



001130

Previews

White Background



This preview shows how the Hex color DF9614 looks on a white background.

Color Contrast Check

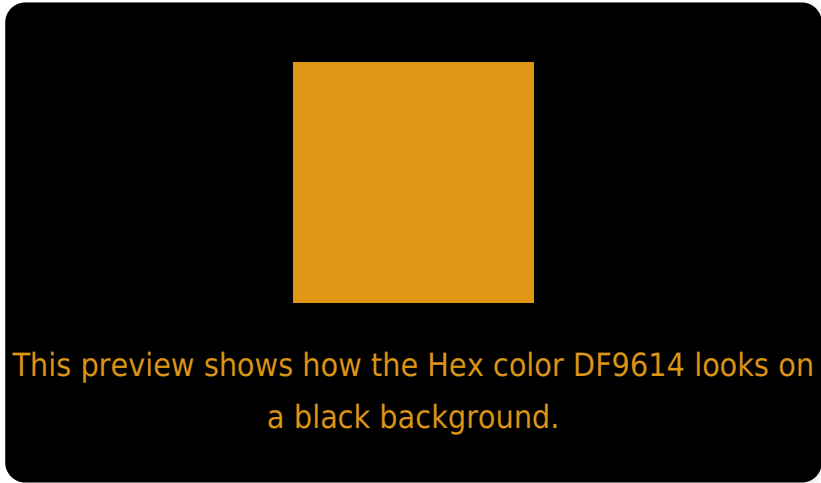
Large Text (above 18pt) WCAG AA × Fail

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 DF9614 Background



This preview shows how black text looks on a background with the Hex color DF9614.



This preview shows how white text looks on a background with the Hex color DF9614.

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
DF9614

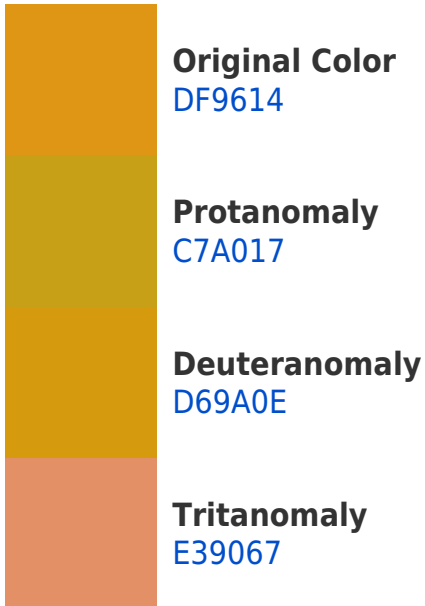
Protanopia
BAA619

Deuteranopia
D19D0B

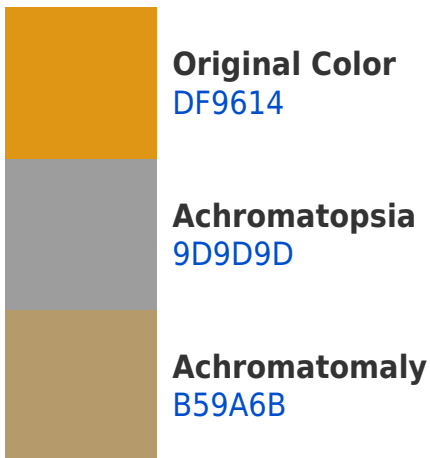


Tritanopia
E58C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DF9614 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 #DF9614 looks like.

```
.text, #text, p{  
    color:#DF9614  
}
```

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 #DF9614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9614
}
```

Border

The CSS property to change the border of an element to Hex DF9614 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
#DF9614 }
```

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

```
.border{ border-color:#DF9614 }
```

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

Here you see how a box with a 4 pixel #DF9614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9614; -webkit-box-shadow:4px 4px  
4px 4px #DF9614; box-shadow:4px 4px 4px  
4px #DF9614 }
```

Background

The CSS property to change the background color of an element to Hex DF9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9614 }
```

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

```
.background{ background-color:#DF9614 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor