

# Converting Colors

Hex(DF9632)

Have a look what the booklet for  
Hex(DF9632) contains.

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**Color**

**Hex(DF9632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF9632
RGB	223, 150, 50
RGB Percent	87%, 59%, 20%
CMY	0.1255, 0.4118, 0.8039
CMYK	0.00, 0.33, 0.78, 0.13
HSL	35°, 73%, 54%
HSV	35°, 78%, 87%
XYZ	41.9135, 37.7310, 8.0913
YIQ	160.4270, 75.6080, -15.6240

# Conversions

## Conversions Part 2

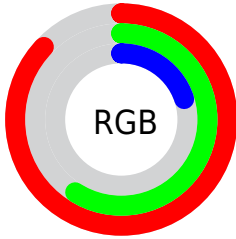
Format	Color
<a href="#">RYB</a>	<a href="#">176, 223, 50</a>
Decimal	<a href="#">14652978</a>
CIELab	<a href="#">67.82, 19.28, 60.44</a>
CIElCh	<a href="#">68, 63.435, 72.311</a>
Yxy	<a href="#">37.7310, 0.4777, 0.4301</a>
Android (android.graphics.Color)	<a href="#">4292843058</a> (0xFFDF9632)
YUV	<a href="#">160.4270, -54.4405, 54.8765</a>
Hunter-Lab	<a href="#">61.4255, 14.3042, 35.1878</a>

# Details

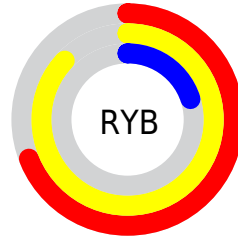
The Hex color **DF9632** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **327BDF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCC67**, and **A36300** is the 20% darker color. If you saturate the color by 10%, you get **DF8D1C**, and if you desaturate by 10%, it is **DF9F48**.

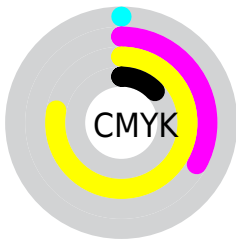
# Distribution



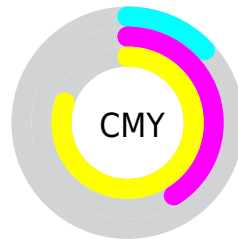
- Red (87%)
- Green (59%)
- Blue (20%)



- Red (69%)
- Yellow (87%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF9632 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 DF9632 by changing the saturation by 10% instead.



DF9632

DF9632

FFFFFF

C17C13

FFCC67

A36300

FFE882

854B00

FFFF9D

683400

FFFFB9

4C1F00

FFFFD6

320900

FFFFF3

160000

000000

DF9632

DF9632

 DF8D1C

 DF9F48

 DF8305

 DFA95F

 DF8100

 DFB275

 DFBC8B

 DFC5A2

 DFCEB8

 DFD8CE

 DFE1E4

 DFEBFB

# Harmonies

## Analogous

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



FF7F5B



DF9632



ADAA29

# Triad

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



DF9632



00C1BC



C78CFA

# Complementary

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



DF9632



327BDF

# 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.



61A4FF



DF9632



00BEF1

# Square

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



DF9632



00BF80



00B5FF



FC76C9

# Rectangle

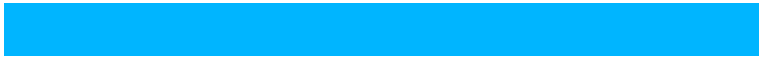
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DF9632



85B33D



00B5FF



AC94FF



# Sweetspot

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



DF9632



FFE6C4



DF327D



80705C



000000



808080



# Same Dimension

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



DF9632



FF9B12



D3DF32



706B65



B06600



301C00



# Inverse Universe

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



327BDF



1276FF



3E32DF



656A70



004AB0



001430



# Previews

## White Background



This preview shows how the Hex color DF9632 looks on a white background.

## Color Contrast Check

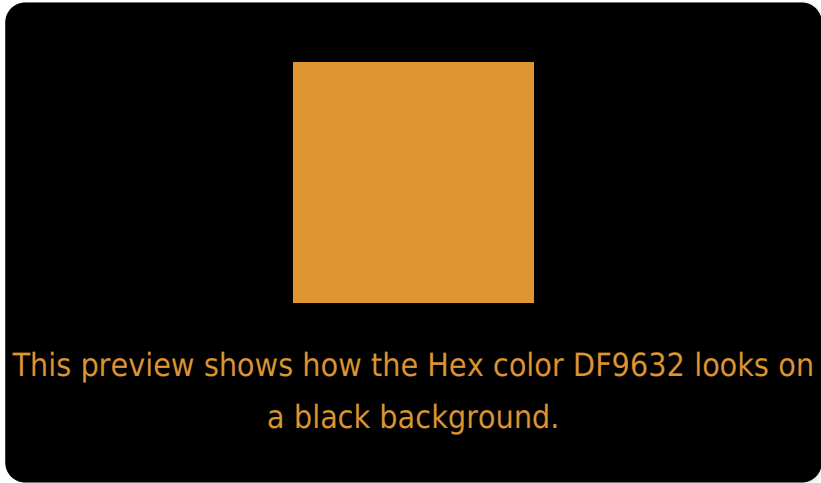
Large Text (above 18pt) WCAG AA × Fail

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 DF9632 Background



This preview shows how black text looks on a background with the Hex color DF9632.



This preview shows how white text looks on a background with the Hex color DF9632.

# 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**  
DF9632

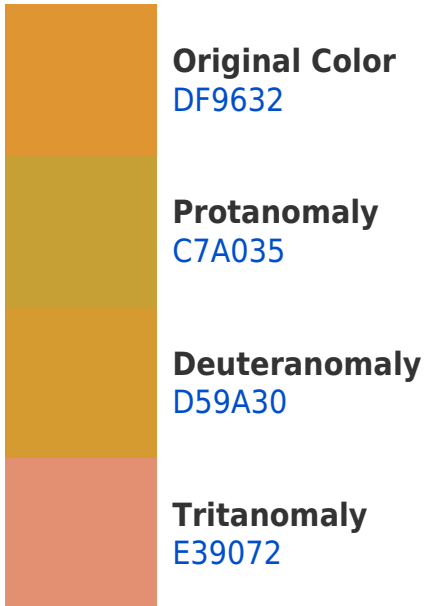
**Protanopia**  
B9A636

**Deuteranopia**  
D09D2F



**Tritanopia**  
E58C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF9632 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 #DF9632 looks like.

```
.text, #text, p{  
    color:#DF9632  
}
```

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 #DF9632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9632
}
```

## Border

The CSS property to change the border of an element to Hex DF9632 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
#DF9632 }
```

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

```
.border{ border-color:#DF9632 }
```

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

Here you see how a box with a 4 pixel #DF9632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9632; -webkit-box-shadow:4px 4px  
4px 4px #DF9632; box-shadow:4px 4px 4px  
4px #DF9632 }
```

# Background

The CSS property to change the background color of an element to Hex DF9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9632 }
```

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

```
.background{ background-color:#DF9632 }
```

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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