

# Converting Colors

Hex(DF9639)

Have a look what the booklet for  
Hex(DF9639) contains.

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**Color**

**Hex(DF9639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF9639
RGB	223, 150, 57
RGB Percent	87%, 59%, 22%
CMY	0.1255, 0.4118, 0.7765
CMYK	0.00, 0.33, 0.74, 0.13
HSL	34°, 72%, 55%
HSV	34°, 74%, 87%
XYZ	42.0763, 37.7961, 8.9486
YIQ	161.2250, 73.3610, -13.4470

# Conversions

## Conversions Part 2

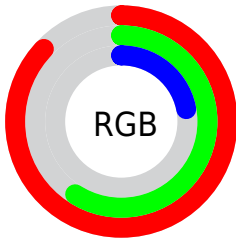
Format	Color
<a href="#">RYB</a>	<a href="#">187, 223, 57</a>
Decimal	<a href="#">14652985</a>
<a href="#">CIELab</a>	<a href="#">67.87, 19.56, 57.65</a>
<a href="#">CIElCh</a>	<a href="#">68, 60.876, 71.258</a>
<a href="#">Yxy</a>	<a href="#">37.7961, 0.4737, 0.4255</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292843065 (0xFFDF9639)</a>
<a href="#">YUV</a>	<a href="#">161.2250, -51.3829, 54.1767</a>
<a href="#">Hunter-Lab</a>	<a href="#">61.4785, 14.5792, 34.4049</a>

# Details

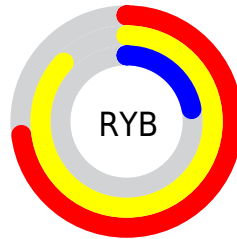
The Hex color **DF9639** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **3982DF**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCC6D**, and **A36300** is the 20% darker color. If you saturate the color by 10%, you get **DF8C23**, and if you desaturate by 10%, it is **DFA04F**.

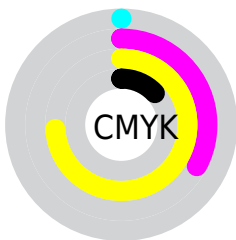
# Distribution



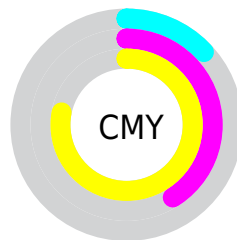
- Red (87%)
- Green (59%)
- Blue (22%)



- Red (73%)
- Yellow (87%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (74%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DF9639 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 DF9639 by changing the saturation by 10% instead.



 DF9639

 DF9639

FFFFFF

 C17C1D

 FFCC6D

 A36300

 FFE888

 864B00

 FFFFA3

 693400

 FFFFBF

 4D1E00

 FFFFDC

 320900

 FFFFF9

 160000

 000000

 DF9639

 DF9639

 DF8C23

 DFA04F

 DF820C

 DFAA66

 DF7D00

 DFB37C

 DFBD92

 DFC7A9

 DFD1BF

 DFDBD5

 DFE4EB

 DFEEFF

# Harmonies

## Analogous

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



FF815F



DF9639



AFA930

# Triad

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



DF9639



00C0B9



C38EF8

# Complementary

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



DF9639



3982DF

# 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.



62A4FF



DF9639



00BEED

# Square

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



DF9639



00BE80



00B5FF



F779CA

# Rectangle

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



DF9639



89B341



00B5FF



AA96FF

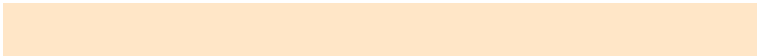


# Sweetspot

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



DF9639



FFE6C7



DF3984



80715E



000000



808080



# Same Dimension

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



DF9639



FF9B1C



D7DF39



706B65



B06300



301B00



# Inverse Universe

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



3982DF



1C80FF



4139DF



656A70



004DB0



001530



# Previews

## White Background



This preview shows how the Hex color DF9639 looks on a white background.

## Color Contrast Check

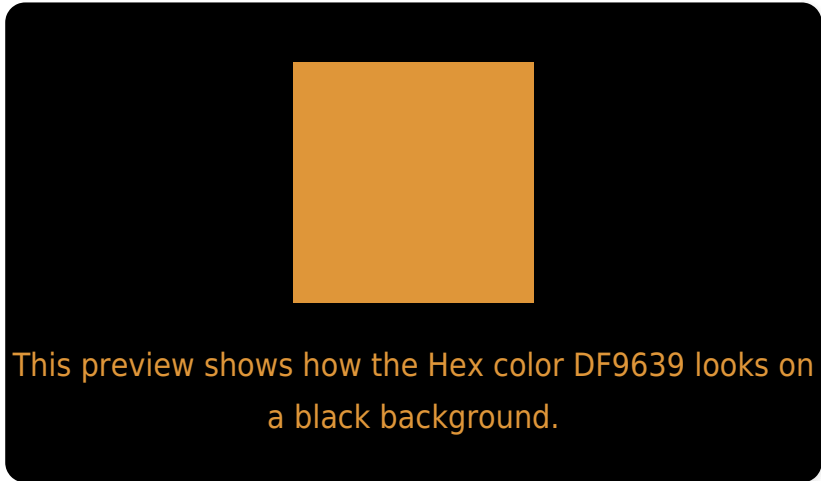
Large Text (above 18pt) WCAG AA × Fail

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 DF9639 Background



This preview shows how black text looks on a background with the Hex color DF9639.



This preview shows how white text looks on a background with the Hex color DF9639.

# 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](#).

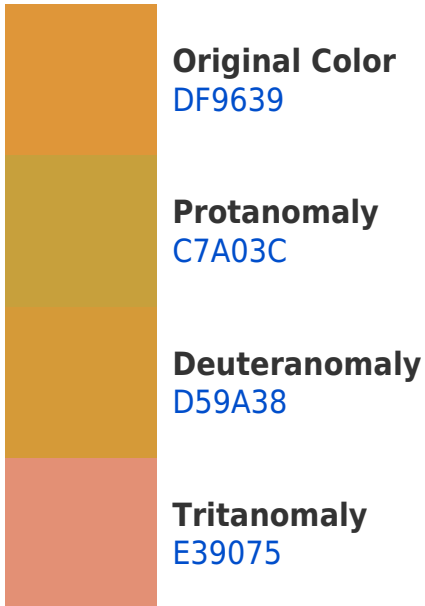
## Dichromacy



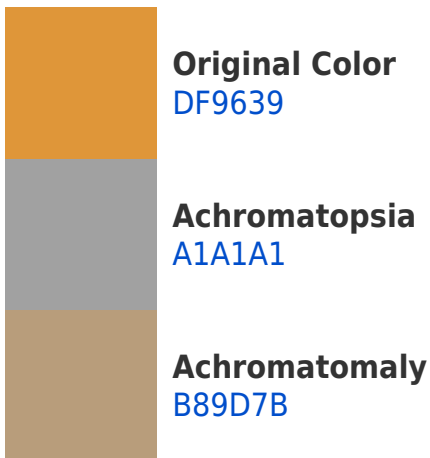


**Tritanopia**  
E58D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DF9639 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 #DF9639 looks like.

```
.text, #text, p{  
    color:#DF9639  
}
```

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 #DF9639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DF9639
}
```

## Border

The CSS property to change the border of an element to Hex DF9639 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
#DF9639 }
```

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

```
.border{ border-color:#DF9639 }
```

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

Here you see how a box with a 4 pixel #DF9639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DF9639; -webkit-box-shadow:4px 4px  
4px 4px #DF9639; box-shadow:4px 4px 4px  
4px #DF9639 }
```

# Background

The CSS property to change the background color of an element to Hex DF9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DF9639 }
```

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

```
.background{ background-color:#DF9639 }
```

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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