

# Converting Colors

Hex(EF9C01)

Have a look what the booklet for  
Hex(EF9C01) contains.

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**Color**

**Hex(EF9C01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF9C01
RGB	239, 156, 1
RGB Percent	94%, 61%, 0%
CMY	0.0627, 0.3882, 0.9961
CMYK	0.00, 0.35, 1.00, 0.06
HSL	39°, 99%, 47%
HSV	39°, 100%, 94%
XYZ	47.4905, 42.1298, 5.6576
YIQ	163.1470, 99.2230, -30.6090

# Conversions

## Conversions Part 2

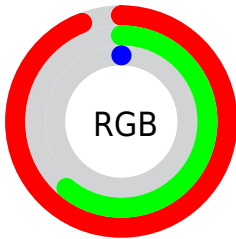
Format	Color
<a href="#">RYB</a>	128, 239, 1
Decimal	15703041
CIELab	70.96, 21.93, 75.30
CIElCh	71, 78.429, 73.763
Yxy	42.1298, 0.4984, 0.4422
Android (android.graphics.Color)	4293893121 (0xFFEF9C01)
YUV	163.1470, -79.9385, 66.5231
Hunter-Lab	64.9075, 17.0141, 40.2673

# Details

The Hex color **EF9C01** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0154EF**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFD24D**, and **B16900** is the 20% darker color. If you saturate the color by 10%, you get **EF9C00**, and if you desaturate by 10%, it is **EFA419**.

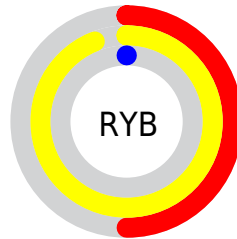
# Distribution



Red (94%)

Green (61%)

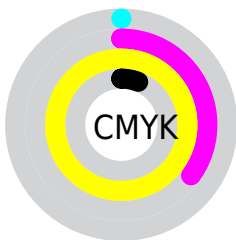
Blue (0%)



Red (50%)

Yellow (94%)

Blue (0%)

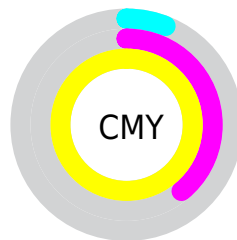


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF9C01 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 EF9C01 by changing the saturation by 10% instead.



 EF9C01

 EF9C01

FFFFFF

 D08200

 FFD24D

 B16900

 FFEF6A

 925000

 FFFF86

 743900

 FFFFA2

 582300

 FFFFBE

 3C0D00

 FFFFDB

 260000

 FFFFF9

 000000

 EF9C01

 EF9C01

■ EF9C00

■ EFA419

■ EFAD31

■ EFB549

■ EFB661

■ EFC678

■ EFCE90

■ EFD6A8

■ EFD6C0

■ EFE7D8

# Harmonies

## Analogous

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



FF7D4D



EF9C01



B1B500

# Triad

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



EF9C01



00CFCE



DA8BFF

# Complementary

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



EF9C01



0154EF

# 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.



4AABFF



EF9C01



00CCFF

# Square

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



EF9C01



00CC83



00C1FF



FF6BD7

# Rectangle

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



EF9C01



7DC023



00C1FF



B896FF



# Sweetspot

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



EF9C01



FFE4B3



EF0154



806F52



000000



808080



# Same Dimension

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



EF9C01



FFA600



CBEF01



78746C



B87800



382500



# Inverse Universe

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



0154EF



0059FF



2501EF



6C7078



0040B8



001438



# Previews

## White Background



This preview shows how the Hex color EF9C01 looks on a white background.

## Color Contrast Check

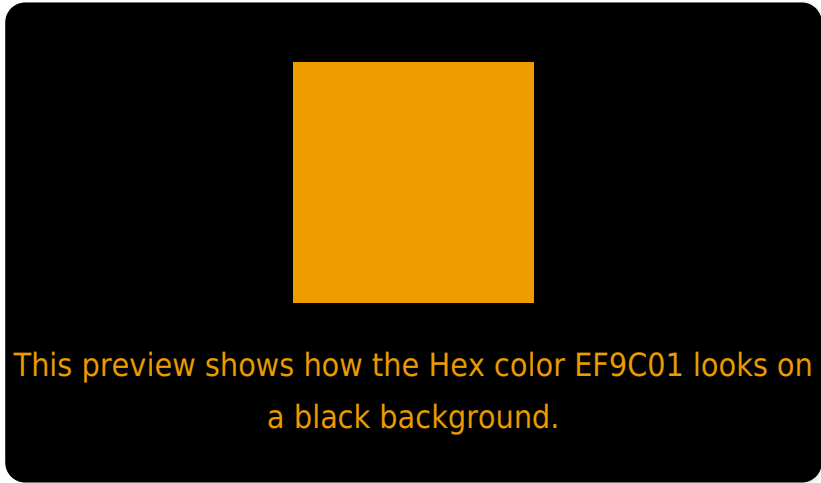
Large Text (above 18pt) WCAG AA × Fail

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 EF9C01 Background



This preview shows how black text looks on a background with the Hex color EF9C01.

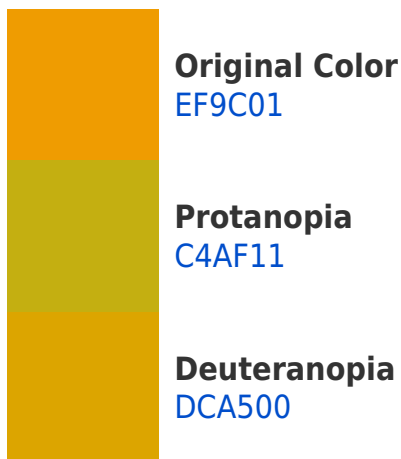



This preview shows how white text looks on a background with the Hex color EF9C01.

# 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](#).

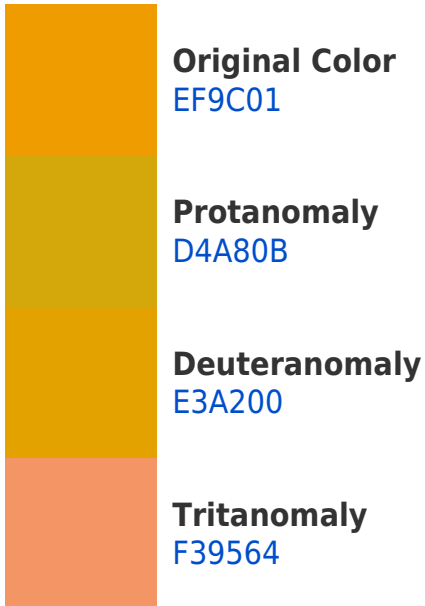
## Dichromacy



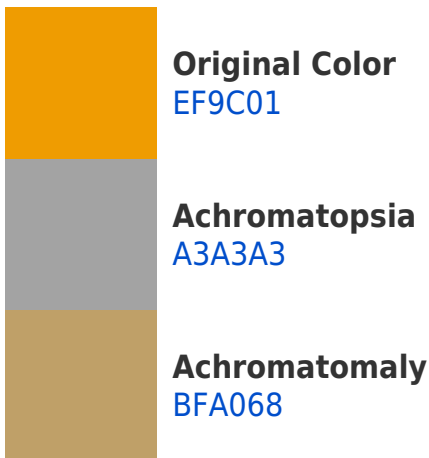


**Tritanopia**  
F5919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF9C01 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 #EF9C01 looks like.

```
.text, #text, p{  
    color:#EF9C01  
}
```

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 #EF9C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF9C01
}
```

## Border

The CSS property to change the border of an element to Hex EF9C01 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
#EF9C01 }
```

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

```
.border{ border-color:#EF9C01 }
```

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

Here you see how a box with a 4 pixel #EF9C01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF9C01; -webkit-box-shadow:4px 4px  
4px 4px #EF9C01; box-shadow:4px 4px 4px  
4px #EF9C01 }
```

# Background

The CSS property to change the background color of an element to Hex EF9C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF9C01 }
```

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

```
.background{ background-color:#EF9C01 }
```

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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