

# Converting Colors

Hex(EE9004)

Have a look what the booklet for  
Hex(EE9004) contains.

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**Color**

**Hex(EE9004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE9004
RGB	238, 144, 4
RGB Percent	93%, 56%, 2%
CMY	0.0667, 0.4353, 0.9843
CMYK	0.00, 0.39, 0.98, 0.07
HSL	36°, 97%, 47%
HSV	36°, 98%, 93%
XYZ	45.2551, 38.1324, 5.0900
YIQ	156.1460, 100.9640, -23.6120

# Conversions

## Conversions Part 2

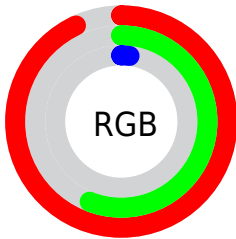
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 238, 4
Decimal	15634436
CIELab	68.12, 27.85, 72.98
CIELCh	68, 78.119, 69.110
Yxy	38.1324, 0.5115, 0.4310
Android (android.graphics.Color)	4293824516 (0xFFEE9004)
YUV	156.1460, -75.0080, 71.7860
Hunter-Lab	61.7515, 22.7502, 38.3390

# Details

The Hex color **EE9004** 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 **0462EE**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC64C**, and **AF5D00** is the 20% darker color. If you saturate the color by 10%, you get **EE8E00**, and if you desaturate by 10%, it is **EE9A1C**.

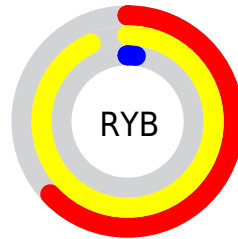
# Distribution



Red (93%)

Green (56%)

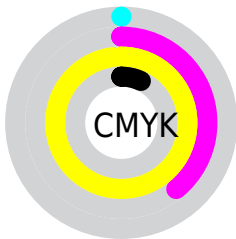
Blue (2%)



Red (63%)

Yellow (93%)

Blue (2%)

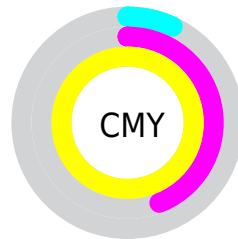


Cyan (0%)

Magenta (39%)

Yellow (98%)

Black (7%)



Cyan (7%)

Magenta (44%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE9004 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 EE9004 by changing the saturation by 10% instead.



 EE9004

 EE9004

FFFFFF

 CE7600

 FFC64C

 AF5D00

 FFE268

 914500

 FFFF84

 732E00

 FFFF9F

 561700

 FFFFBC

 3A0000

 FFFFD9

 220001

 FFFFF6

 000000

 EE9004

 EE9004

■ EE8E00

■ EE9A1C

■ EEA334

■ EEAD4B

■ EEB663

■ EEC07B

■ EEC993

■ EED3AB

■ EEDCC2

■ EEE6DA

# Harmonies

## Analogous

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



FF7050



EE9004



B3AA00

# Triad

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



EE9004



00C6BA



C389FF

# Complementary

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



EE9004



0462EE

# 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.



00A7FF



EE9004



00C4FE

# Square

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



EE9004



00C371



00BBFF



FF67DA

# Rectangle

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



EE9004



83B606



00BBFF



9D94FF



# Sweetspot

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



EE9004



FFE1B5



EE0465



806E53



000000



808080



# Same Dimension

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



EE9004



FF9900



DBEE04



78736C



B86E00



382200



# Inverse Universe

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



0462EE



0066FF



1804EE



6C7178



004AB8



001738



# Previews

## White Background



This preview shows how the Hex color EE9004 looks on a white background.

## Color Contrast Check

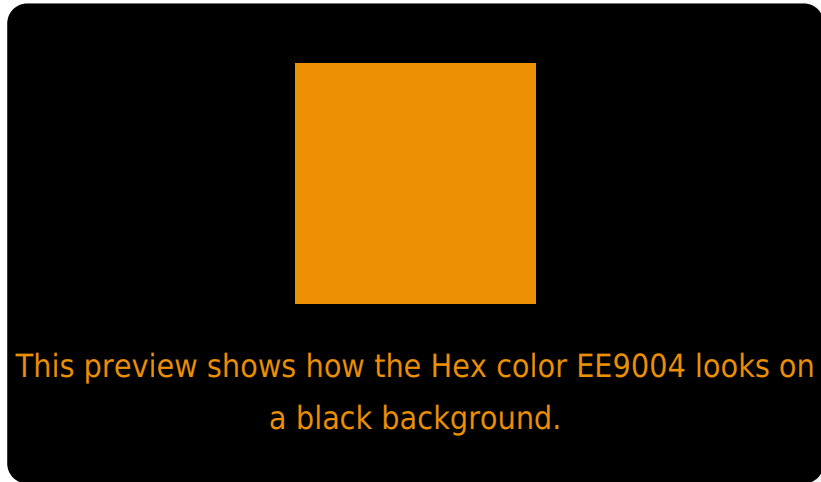
Large Text (above 18pt) WCAG AA × Fail

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 EE9004 Background



This preview shows how black text looks on a background with the Hex color EE9004.



This preview shows how white text looks on a background with the Hex color EE9004.

# 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**  
EE9004

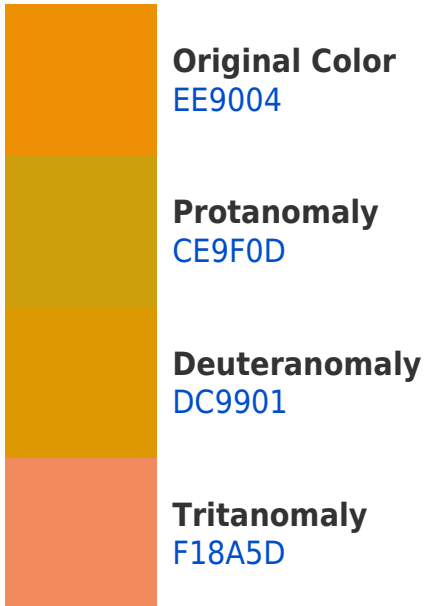
**Protanopia**  
BCA712

**Deuteranopia**  
D29E00

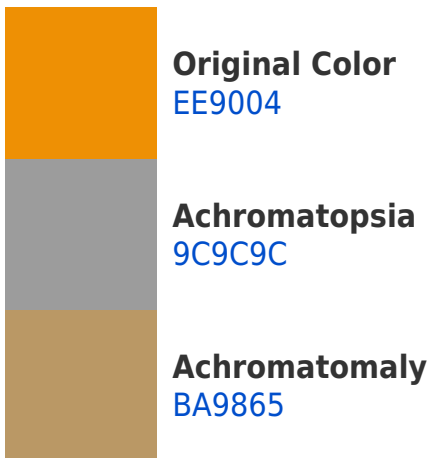


**Tritanopia**  
F38690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE9004 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 #EE9004 looks like.

```
.text, #text, p{  
    color:#EE9004  
}
```

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 #EE9004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE9004
}
```

## Border

The CSS property to change the border of an element to Hex EE9004 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
#EE9004 }
```

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

```
.border{ border-color:#EE9004 }
```

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

Here you see how a box with a 4 pixel #EE9004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE9004; -webkit-box-shadow:4px 4px  
4px 4px #EE9004; box-shadow:4px 4px 4px  
4px #EE9004 }
```

# Background

The CSS property to change the background color of an element to Hex EE9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE9004 }
```

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

```
.background{ background-color:#EE9004 }
```

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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