

# Converting Colors

Hex(E47F04)

Have a look what the booklet for  
Hex(E47F04) contains.

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**Color**

**Hex(E47F04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E47F04
RGB	228, 127, 4
RGB Percent	89%, 50%, 2%
CMY	0.1059, 0.5020, 0.9843
CMYK	0.00, 0.44, 0.98, 0.11
HSL	33°, 97%, 45%
HSV	33°, 98%, 89%
XYZ	39.6062, 31.6815, 4.1425
YIQ	143.1770, 99.6790, -16.8410

# Conversions

## Conversions Part 2

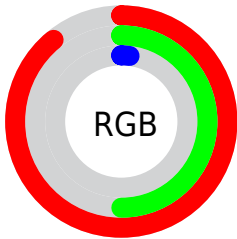
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 228, 4
Decimal	14974724
CIELab	63.08, 32.60, 69.08
CIELCh	63, 76.384, 64.733
Yxy	31.6815, 0.5251, 0.4200
Android (android.graphics.Color)	4293164804 (0xFFE47F04)
YUV	143.1770, -68.6143, 74.3898
Hunter-Lab	56.2863, 27.1015, 35.0368

# Details

The Hex color **E47F04** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **0469E4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB548**, and **A64D00** is the 20% darker color. If you saturate the color by 10%, you get **E47D00**, and if you desaturate by 10%, it is **E4891B**.

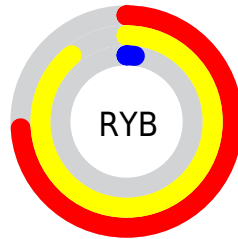
# Distribution



Red (89%)

Green (50%)

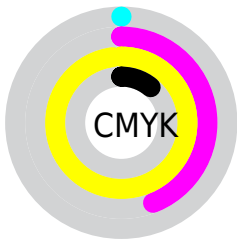
Blue (2%)



Red (74%)

Yellow (89%)

Blue (2%)

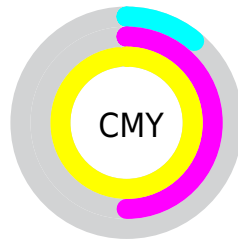


Cyan (0%)

Magenta (44%)

Yellow (98%)

Black (11%)



Cyan (11%)

Magenta (50%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E47F04 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 E47F04 by changing the saturation by 10% instead.



 E47F04

 E47F04

FFFFFF

 C56500

 FF548

 A64D00

 FFD064

 873400

 FFED7F

 691C00

 FFFF9B

 4C0200

 FFFFB7

 320000

 FFFFD3

 070000

 FFFFF0

 000000

 E47F04

 E47F04

 E47D00

 E4891B

 E49432

 E49E48

 E4A85F

 E4B276

 E4BD8D

 E4C7A4

 E4D1BA

 E4DCD1

# Harmonies

## Analogous

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



FF5F4F



E47F04



AE9900

# Triad

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



E47F04



00B7A2



A581FF

# Complementary

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



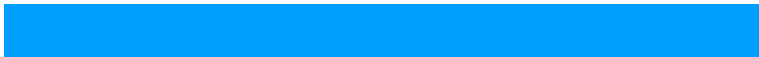
E47F04



0469E4

# 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.



009EFF



E47F04



00B6E5

# Square

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



E47F04



00B35B



00AFFF



F15FD4

# Rectangle

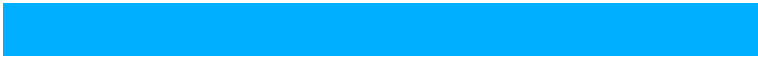
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E47F04



81A600



00AFFF



7B8CFF



# Sweetspot

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



E47F04



FFDEB5



E4046D



806B53



000000



808080



# Same Dimension

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



E47F04



FF8C00



DDE404



736E67



B36200



331C00



# Inverse Universe

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



0469E4



0073FF



0B04E4



676C73



0050B3



001733



# Previews

## White Background



This preview shows how the Hex color E47F04 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 E47F04 Background



This preview shows how black text looks on a background with the Hex color E47F04.



This preview shows how white text looks on a background with the Hex color E47F04.

# 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**  
E47F04

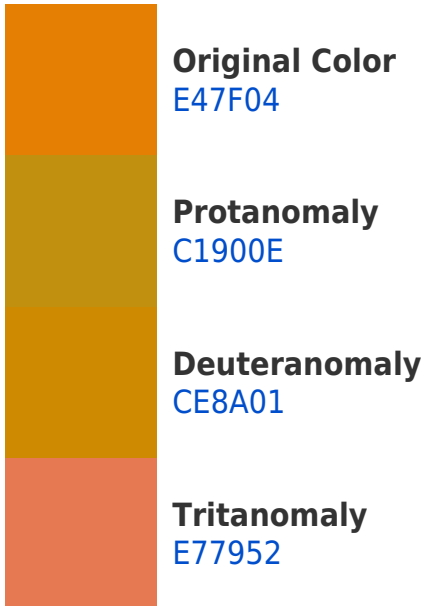
**Protanopia**  
AD9A13

**Deuteranopia**  
C29100

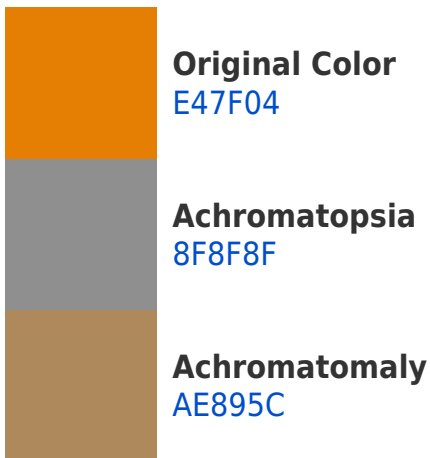


**Tritanopia**  
E8767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E47F04 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 #E47F04 looks like.

```
.text, #text, p{  
    color:#E47F04  
}
```

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 #E47F04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47F04
}
```

## Border

The CSS property to change the border of an element to Hex E47F04 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
#E47F04 }
```

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

```
.border{ border-color:#E47F04 }
```

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

Here you see how a box with a 4 pixel #E47F04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47F04; -webkit-box-shadow:4px 4px  
4px 4px #E47F04; box-shadow:4px 4px 4px  
4px #E47F04 }
```

# Background

The CSS property to change the background color of an element to Hex E47F04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47F04 }
```

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

```
.background{ background-color:#E47F04 }
```

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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