

# Converting Colors

Hex(F09F4E)

Have a look what the booklet for  
Hex(F09F4E) contains.

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# **Color**

**Hex(F09F4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F09F4E
RGB	240, 159, 78
RGB Percent	94%, 62%, 31%
CMY	0.0588, 0.3765, 0.6941
CMYK	0.00, 0.34, 0.67, 0.06
HSL	30°, 84%, 62%
HSV	30°, 68%, 94%
XYZ	49.7085, 43.8716, 13.0559
YIQ	173.9850, 74.2770, -8.0190

# Conversions

## Conversions Part 2

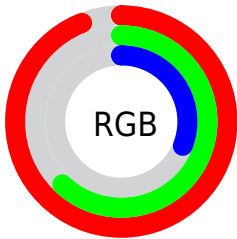
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	240, 240, 78
Decimal	15769422
CIE Lab	72.14, 22.92, 53.35
CIE LCh	72, 58.061, 66.753
Yxy	43.8716, 0.4662, 0.4114
Android (android.graphics.Color)	4293959502 (0xFFFF09F4E)
YUV	173.9850, -47.3206, 57.8952
Hunter-Lab	66.2356, 18.0482, 34.6781

# Details

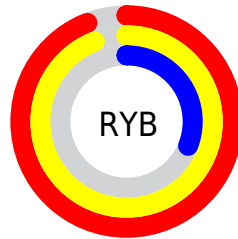
The Hex color **F09F4E** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4E9FF0**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD682**, and **B36B1A** is the 20% darker color. If you saturate the color by 10%, you get **F09336**, and if you desaturate by 10%, it is **F0AB66**.

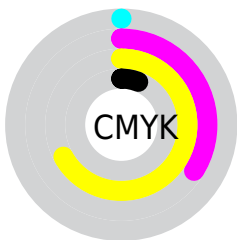
# Distribution



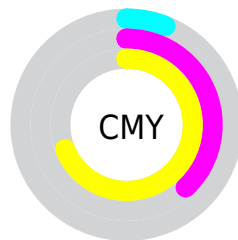
- Red (94%)
- Green (62%)
- Blue (31%)



- Red (94%)
- Yellow (94%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (67%)
- Black (6%)



- Cyan (6%)
- Magenta (38%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F09F4E 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 F09F4E by changing the saturation by 10% instead.



 F09F4E

 F09F4E

FFFFFF

 D18534

 FFD682

 B36B1A

 FFF29D

 965300

 FFFFB9

 793B00

 FFFFD5

 5C2500

 FFFFF2

 400F00

 290000

 000000

 F09F4E

 F09F4E

 F09336

 F0AB66

 F0871E

 F0B77E

 F07B06

 F0C396

 F07800

 F0CFAE

 F0DBC6

 F0E7DE

 F0F3F6

 F0FFFF

# Harmonies

## Analogous

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



FF8C74



F09F4E



C3B241

# Triad

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



F09F4E



00CBBC



C49EFF

# Complementary

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



F09F4E



4E9FF0

# 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.



63B3FF



F09F4E



00C9EF

# Square

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



F09F4E



37C885



00C2FF



FB8ADC

# Rectangle

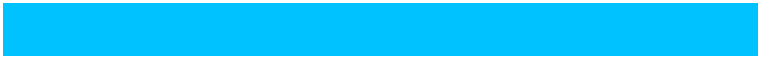
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F09F4E



9FBC4D



00C2FF



AAA5FF

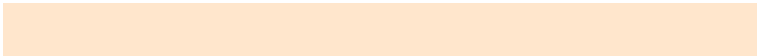


# Sweetspot

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



F09F4E



FFE6CC



F04E9F



807061



000000



808080



# Same Dimension

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



F09F4E



FF9830



F0F04E



78726C



B85C00



381C00



# Inverse Universe

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



4E9FF0



3098FF



4E4EF0



6C7278



005CB8



001C38



# Previews

## White Background



This preview shows how the Hex color F09F4E looks on a white background.

## Color Contrast Check

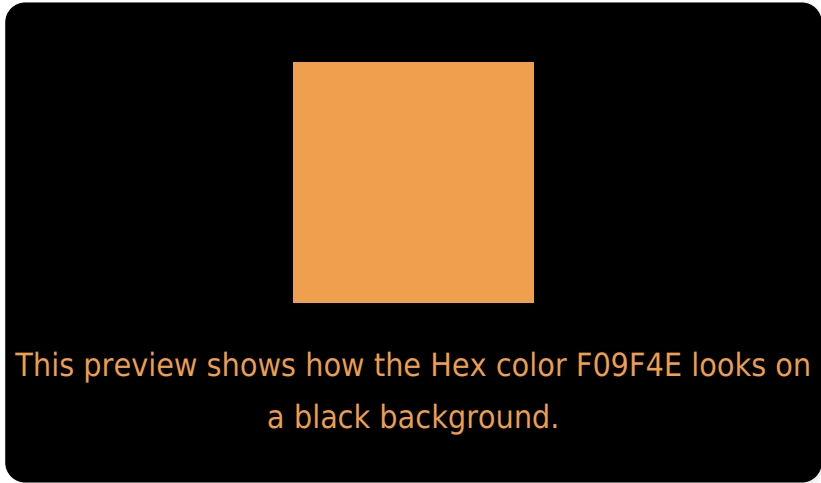
Large Text (above 18pt) WCAG AA × Fail

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 F09F4E Background



This preview shows how black text looks on a background with the Hex color F09F4E.



This preview shows how white text looks on a background with the Hex color F09F4E.

# 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**  
F09F4E

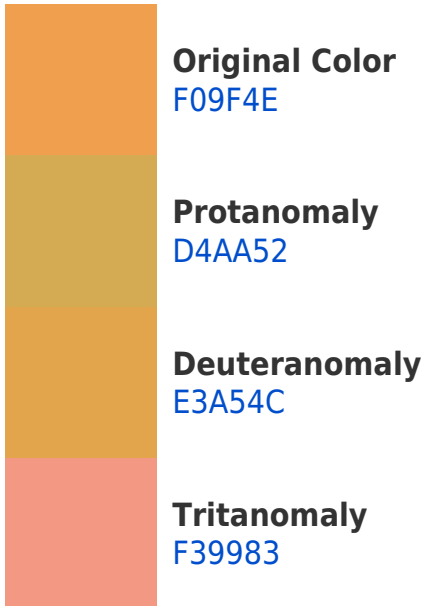
**Protanopia**  
C4B154

**Deuteranopia**  
DCA94B



**Tritanopia**  
F596A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F09F4E 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 #F09F4E looks like.

```
.text, #text, p{  
  color:#F09F4E  
}
```

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 #F09F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F09F4E
}
```

## Border

The CSS property to change the border of an element to Hex F09F4E 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
#F09F4E }
```

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

```
.border{ border-color:#F09F4E }
```

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

Here you see how a box with a 4 pixel #F09F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F09F4E; -webkit-box-shadow:4px 4px  
4px 4px #F09F4E; box-shadow:4px 4px 4px  
4px #F09F4E }
```

# Background

The CSS property to change the background color of an element to Hex F09F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F09F4E }
```

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

```
.background{ background-color:#F09F4E }
```

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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