

# Converting Colors

Hex(F89A3E)

Have a look what the booklet for  
Hex(F89A3E) contains.

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# **Color**

**Hex(F89A3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F89A3E
RGB	248, 154, 62
RGB Percent	97%, 60%, 24%
CMY	0.0275, 0.3961, 0.7569
CMYK	0.00, 0.38, 0.75, 0.03
HSL	30°, 93%, 61%
HSV	30°, 75%, 97%
XYZ	51.1365, 43.4155, 10.2423
YIQ	171.6180, 85.5560, -8.6840

# Conversions

## Conversions Part 2

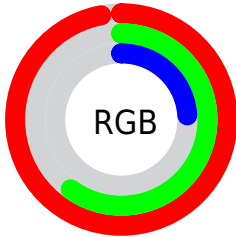
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 244, 62
Decimal	16292414
CIE <sub>Lab</sub>	71.84, 28.06, 60.48
CIE <sub>LCh</sub>	72, 66.675, 65.113
Yxy	43.4155, 0.4880, 0.4143
Android (android.graphics.Color)	4294482494 (0xFFFF89A3E)
YUV	171.6180, -54.0417, 66.9870
Hunter-Lab	65.8904, 23.2228, 36.9070

# Details

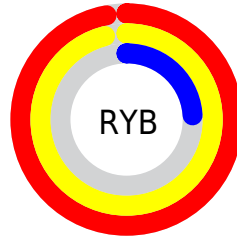
The Hex color **F89A3E** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3E9CF8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD173**, and **BA6600** is the 20% darker color. If you saturate the color by 10%, you get **F88D25**, and if you desaturate by 10%, it is **F8A757**.

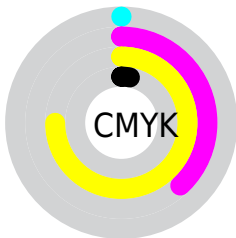
# Distribution



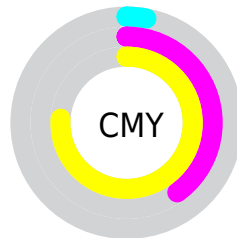
- Red (97%)
- Green (60%)
- Blue (24%)



- Red (97%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (75%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F89A3E 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 F89A3E by changing the saturation by 10% instead.



 F89A3E

 F89A3E

FFFFFF

 D98022

 FFD173

 BA6600

 FFED8E

 9C4E00

 FFFFA9

 7E3600

 FFFFC5

 611F00

 FFFFE2

 450700

 2C0000

 000000

 F89A3E

 F89A3E

 F88D25

 F8A757

 F8810C

 F8B370

 F87B00

 F8C088

 F8CCA1

 F8D9BA

 F8E5D3

 F8F2EC

 F8FEFF

 F8FFFF

# Harmonies

## Analogous

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



FF826D



F89A3E



C6B029

# Triad

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



F89A3E



00CDB9



C09BFF

# Complementary

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



F89A3E



3E9CF8

# 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.



32B4FF



F89A3E



00CCF5

# Square

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



F89A3E



00CA7A



00C4FF



FF82E4

# Rectangle

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



F89A3E



9EBC37



00C4FF



9FA4FF



# Sweetspot

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



F89A3E



FFE1C4



F83E9E



806D5C



000000



808080



# Same Dimension

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



F89A3E



FF8B19



F8F53E



7D7770



BD5D00



3D1E00



# Inverse Universe

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



3E9CF8



198DFF



3E41F8



70777D



005FBD



001F3D



# Previews

## White Background



This preview shows how the Hex color F89A3E looks on a white background.

## Color Contrast Check

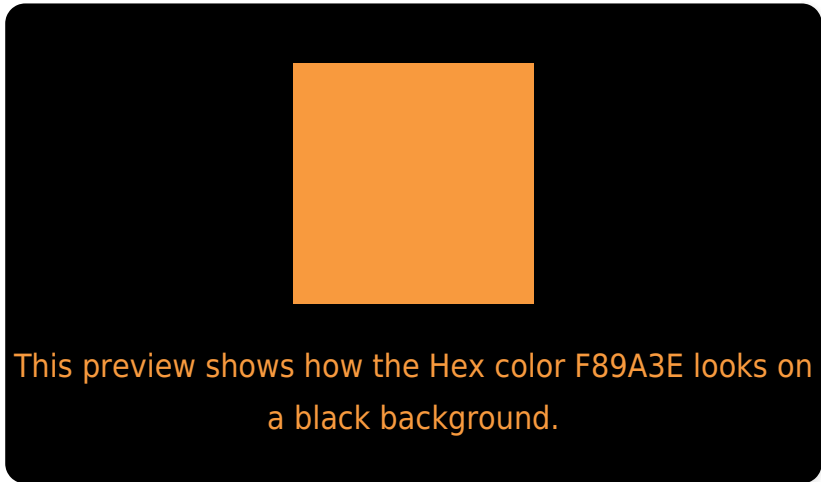
Large Text (above 18pt) WCAG AA × Fail

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 F89A3E Background



This preview shows how black text looks on a background with the Hex color F89A3E.



This preview shows how white text looks on a background with the Hex color F89A3E.

# 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**  
F89A3E

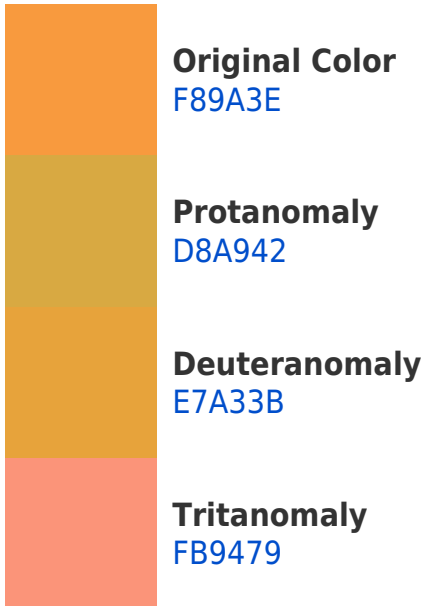
**Protanopia**  
C5B144

**Deuteranopia**  
DDA83A

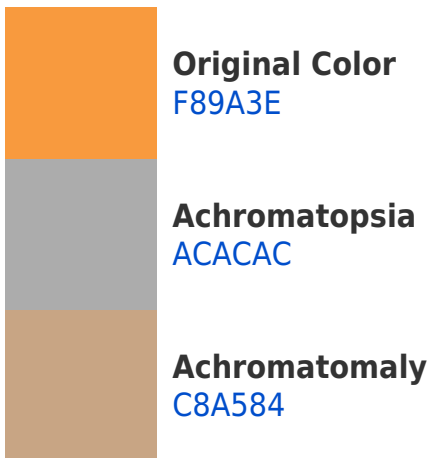


**Tritanopia**  
FD909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F89A3E 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 #F89A3E looks like.

```
.text, #text, p{  
    color:#F89A3E  
}
```

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 #F89A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F89A3E
}
```

## Border

The CSS property to change the border of an element to Hex F89A3E 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
#F89A3E }
```

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

```
.border{ border-color:#F89A3E }
```

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

Here you see how a box with a 4 pixel #F89A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F89A3E; -webkit-box-shadow:4px 4px  
4px 4px #F89A3E; box-shadow:4px 4px 4px  
4px #F89A3E }
```

# Background

The CSS property to change the background color of an element to Hex F89A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F89A3E }
```

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

```
.background{ background-color:#F89A3E }
```

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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