

Converting Colors

Hex(F39C4E)

Have a look what the booklet for
Hex(F39C4E) contains.

Hex(F39C4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F39C4E)

Conversions

Conversions Part 1

Format	Color
Hex	F39C4E
RGB	243, 156, 78
RGB Percent	95%, 61%, 31%
CMY	0.0471, 0.3882, 0.6941
CMYK	0.00, 0.36, 0.68, 0.05
HSL	28°, 87%, 63%
HSV	28°, 68%, 95%
XYZ	50.2258, 43.3817, 12.9340
YIQ	173.1210, 76.8900, -5.8140

Conversions

Conversions Part 2

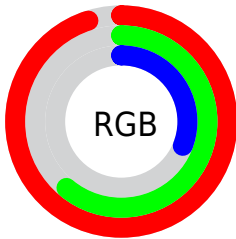
Format	Color
R _Y B	243, 226, 78
Decimal	15965262
CIE Lab	71.81, 25.73, 53.09
CIE LCh	72, 58.993, 64.143
Yxy	43.3817, 0.4714, 0.4072
Android (android.graphics.Color)	4294155342 (0xFFFF39C4E)
YUV	173.1210, -46.8947, 61.2839
Hunter-Lab	65.8648, 20.8534, 34.4624

Details

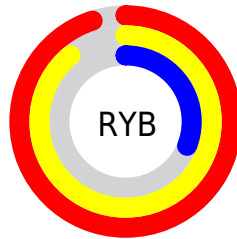
The Hex color **F39C4E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4EA5F3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD382**, and **B6681A** is the 20% darker color. If you saturate the color by 10%, you get **F38F36**, and if you desaturate by 10%, it is **F3A966**.

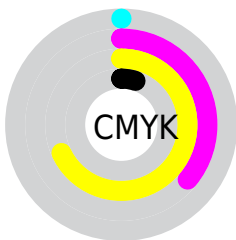
Distribution



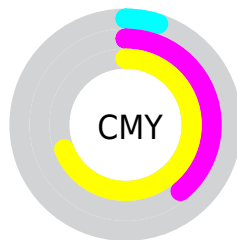
- Red (95%)
- Green (61%)
- Blue (31%)



- Red (95%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F39C4E 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 F39C4E by changing the saturation by 10% instead.

 F39C4E

 F39C4E

FFFFFF

 D48235

 FFD382

 B6681A

 FFEF9D

 985000

 FFFFB8

 7B3800

 FFFFD5

 5E2100

 FFFFF1

 420A00

 2A0000

 000000

 F39C4E

 F39C4E

 F38F36

 F3A966

 F3821D

 F3B67F

 F37605

 F3C297

 F37300

 F3CFAF

 F3DCC8

 F3E9E0

 F3F6F8

 F3FFFF

Harmonies

Analogous

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



FF8976



F39C4E



C7B03E

Triad

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



F39C4E



00CBB6



BD9FFF

Complementary

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



F39C4E



4EA5F3

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.



52B3FF



F39C4E



00C9EB

Square

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



F39C4E



3EC77F



00C2FF



F88AE0

Rectangle

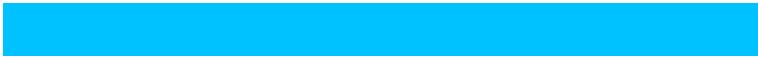
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F39C4E



A3BA48



00C2FF



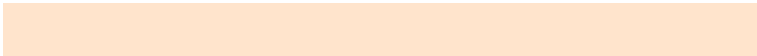
A1A6FF

Sweetspot

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



F39C4E



FFE4CC



F34EA6



806F61



000000



808080

Same Dimension

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



F39C4E



FF9230



F3ED4E



7A746E



BA5800



3B1C00

Inverse Universe

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



4EA5F3



309DFF



4E54F3



6E757A



0062BA



001F3B

Previews

White Background



This preview shows how the Hex color F39C4E looks on a white background.

Color Contrast Check

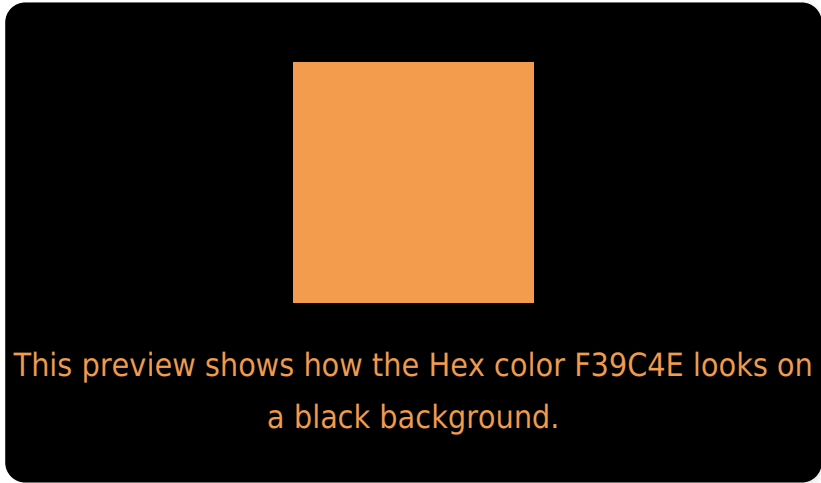
Large Text (above 18pt) WCAG AA × Fail

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 F39C4E Background



This preview shows how black text looks on a background with the Hex color F39C4E.



This preview shows how white text looks on a background with the Hex color F39C4E.

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
F39C4E

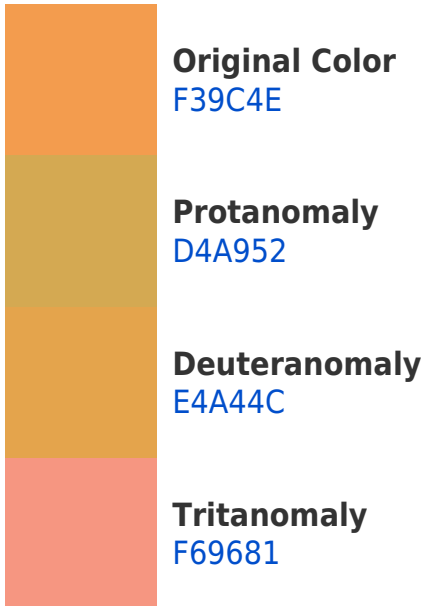
Protanopia
C3B154

Deuteranopia
DBA84B

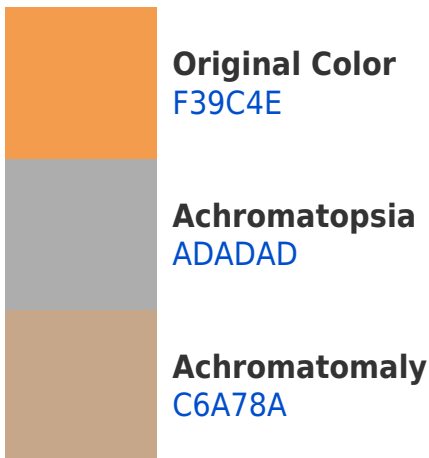


Tritanopia
F8939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F39C4E 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 #F39C4E looks like.

```
.text, #text, p{  
    color:#F39C4E  
}
```

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 #F39C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F39C4E
}
```

Border

The CSS property to change the border of an element to Hex F39C4E 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
#F39C4E }
```

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

```
.border{ border-color:#F39C4E }
```

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

Here you see how a box with a 4 pixel #F39C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F39C4E; -webkit-box-shadow:4px 4px  
4px 4px #F39C4E; box-shadow:4px 4px 4px  
4px #F39C4E }
```

Background

The CSS property to change the background color of an element to Hex F39C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F39C4E }
```

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

```
.background{ background-color:#F39C4E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor