

Converting Colors

Hex(F3891E)

Have a look what the booklet for
Hex(F3891E) contains.

Hex(F3891E)	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(F3891E)

Conversions

Conversions Part 1

Format	Color
Hex	F3891E
RGB	243, 137, 30
RGB Percent	95%, 54%, 12%
CMY	0.0471, 0.4627, 0.8824
CMYK	0.00, 0.44, 0.88, 0.05
HSL	30°, 90%, 54%
HSV	30°, 88%, 95%
XYZ	46.1422, 37.0397, 5.9457
YIQ	156.4960, 97.5230, -10.8050

Conversions

Conversions Part 2

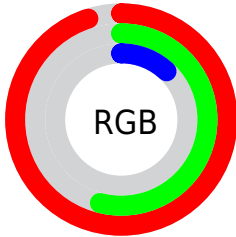
Format	Color
R_{YB}	241, 243, 30
Decimal	15960350
CIE _{Lab}	67.31, 33.89, 67.76
CIE _{LCh}	67, 75.756, 63.429
Yxy	37.0397, 0.5177, 0.4156
Android (android.graphics.Color)	4294150430 (0xFFFF3891E)
YUV	156.4960, -62.3625, 75.8640
Hunter-Lab	60.8603, 28.8270, 36.8099

Details

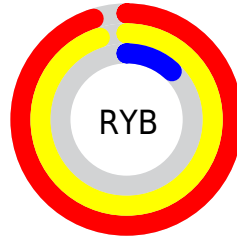
The Hex color **F3891E** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **1E88F3**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBF57**, and **B45600** is the 20% darker color. If you saturate the color by 10%, you get **F37D06**, and if you desaturate by 10%, it is **F39536**.

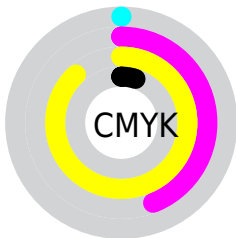
Distribution



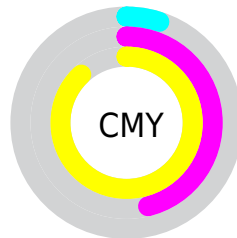
- Red (95%)
- Green (54%)
- Blue (12%)



- Red (95%)
- Yellow (95%)
- Blue (12%)



- Cyan (0%)
- Magenta (44%)
- Yellow (88%)
- Black (5%)



- Cyan (5%)
- Magenta (46%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3891E 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 F3891E by changing the saturation by 10% instead.

 F3891E

 F3891E

FFFFFF

 D36F00

 FFBF57

 B45600

 FFDB72

 953D00

 FFF88E

 772500

 FFFFA9

 5A0B00

 FFFFC6

 3D0000

 FFFFE2

 240001

 000000

 F3891E

 F3891E

 F37D06

 F39536

 F37A00

 F3A14F

 F3AD67

 F3B97F

 F3C598

 F3D2B0

 F3DEC8

 F3EAE0

 F3F6F9

Harmonies

Analogous

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



FF6B5D



F3891E



BDA300

Triad

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



F3891E



00C3AA



AD8EFF

Complementary

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



F3891E



1E88F3

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.



00AAFF



F3891E



00C2EE

Square

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



F3891E



00BF63



00BBFF



FB6DE2

Rectangle

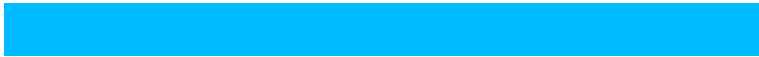
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3891E



90B000



00BBFF



8398FF

Sweetspot

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



F3891E



FFDEBD



F31E89



806C58



000000



808080

Same Dimension

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



F3891E



FF8000



F3F31E



7A746E



BA5E00



3B1D00

Inverse Universe

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



1E88F3



007FFF



1E1EF3



6E747A



005DBA



001D3B

Previews

White Background



This preview shows how the Hex color F3891E looks on a white background.

Color Contrast Check

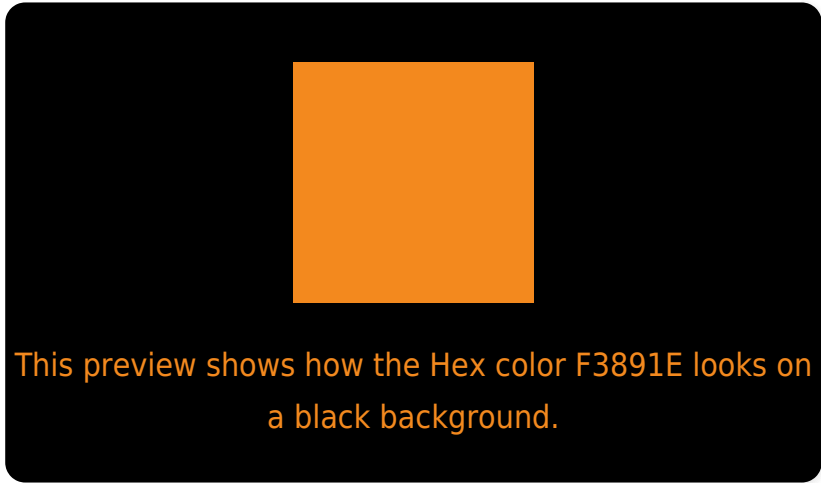
Large Text (above 18pt) WCAG AA × Fail

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 F3891E Background



This preview shows how black text looks on a background with the Hex color F3891E.



This preview shows how white text looks on a background with the Hex color F3891E.

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](#).

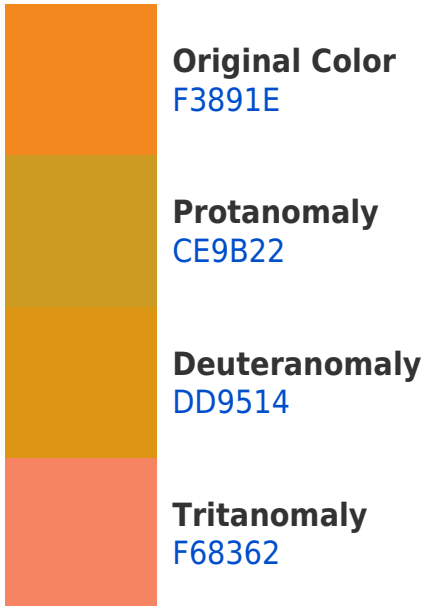
Dichromacy





Tritanopia
F88089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3891E 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 #F3891E looks like.

```
.text, #text, p{  
    color:#F3891E  
}
```

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 #F3891E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3891E
}
```

Border

The CSS property to change the border of an element to Hex F3891E 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
#F3891E }
```

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

```
.border{ border-color:#F3891E }
```

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

Here you see how a box with a 4 pixel #F3891E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3891E; -webkit-box-shadow:4px 4px  
4px 4px #F3891E; box-shadow:4px 4px 4px  
4px #F3891E }
```

Background

The CSS property to change the background color of an element to Hex F3891E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3891E }
```

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

```
.background{ background-color:#F3891E }
```

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