

# Converting Colors

Hex(F1A01E)

Have a look what the booklet for  
Hex(F1A01E) contains.

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# **Color**

**Hex(F1A01E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1A01E
RGB	241, 160, 30
RGB Percent	95%, 63%, 12%
CMY	0.0549, 0.3725, 0.8824
CMYK	0.00, 0.34, 0.88, 0.05
HSL	37°, 88%, 53%
HSV	37°, 88%, 95%
XYZ	49.0808, 43.9361, 7.1220
YIQ	169.3990, 90.0060, -23.2580

# Conversions

## Conversions Part 2

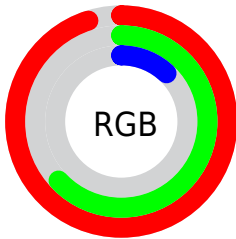
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 241, 30
Decimal	15835166
CIELab	72.19, 21.03, 71.46
CIELCh	72, 74.491, 73.604
Yxy	43.9361, 0.4901, 0.4388
Android (android.graphics.Color)	4294025246 (0xFFFF1A01E)
YUV	169.3990, -68.7237, 62.7941
Hunter-Lab	66.2843, 16.1742, 40.0286

# Details

The Hex color **F1A01E** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1E6FF1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD75A**, and **B36C00** is the 20% darker color. If you saturate the color by 10%, you get **F19706**, and if you desaturate by 10%, it is **F1A936**.

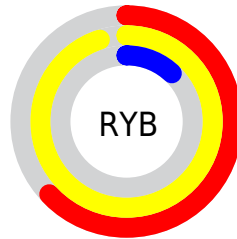
# Distribution



Red (95%)

Green (63%)

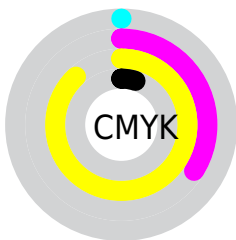
Blue (12%)



Red (63%)

Yellow (95%)

Blue (12%)

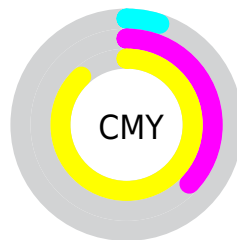


Cyan (0%)

Magenta (34%)

Yellow (88%)

Black (5%)



Cyan (5%)

Magenta (37%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1A01E 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 F1A01E by changing the saturation by 10% instead.



 F1A01E

 F1A01E

FFFFFF

 D28600

 FFD75A

 B36C00

 FFF376

 955400

 FFFF92

 773D00

 FFFFAE

 5A2600

 FFFFC A

 3F1100

 FFFF E7

 270000

 000000

 F1A01E

 F1A01E

 F19706

 F1A936

 F19400

 F1B34E

 F1BC66

 F1C57E

 F1CE96

 F1D8AF

 F1E1C7

 F1EADF

 F1F3F7

# Harmonies

## Analogous

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



FF8355



F1A01E



B6B70B

# Triad

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



F1A01E



00D1CF



DB91FF

# Complementary

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



F1A01E



1E6FF1

# 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.



5CAEFF



F1A01E



00CEFF

# Square

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



F1A01E



00CE88



00C3FF



FF74D9

# Rectangle

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



F1A01E



85C232



00C3FF



BC9BFF

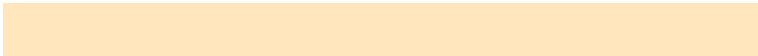


# Sweetspot

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



F1A01E



FFE6BD



F11E72



807058



000000



808080



# Same Dimension

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



F1A01E



FF9D00



DCF11E



78736C



B87100



382300



# Inverse Universe

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



1E6FF1



0062FF



331EF1



6C7078



0046B8



001638



# Previews

## White Background



This preview shows how the Hex color F1A01E looks on a white background.

## Color Contrast Check

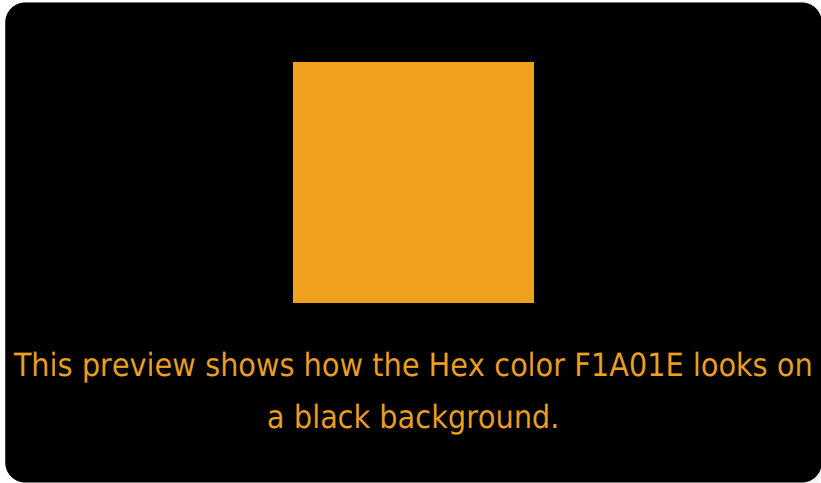
Large Text (above 18pt) WCAG AA × Fail

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 F1A01E Background



This preview shows how black text looks on a background with the Hex color F1A01E.



This preview shows how white text looks on a background with the Hex color F1A01E.

# 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**  
F1A01E

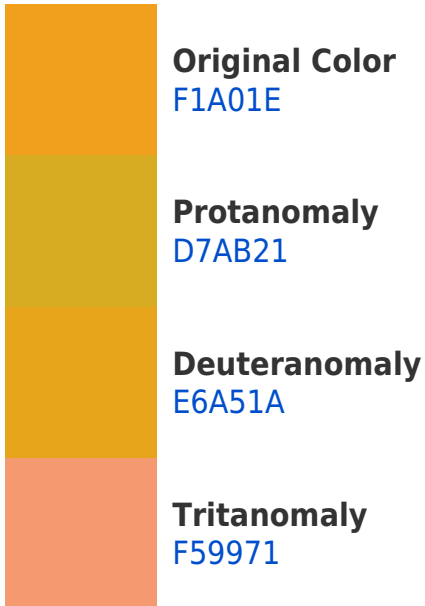
**Protanopia**  
C8B223

**Deuteranopia**  
E0A818

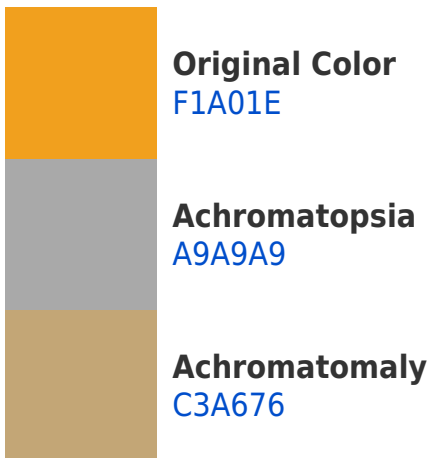


**Tritanopia**  
F895A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1A01E 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 #F1A01E looks like.

```
.text, #text, p{  
    color:#F1A01E  
}
```

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 #F1A01E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1A01E
}
```

## Border

The CSS property to change the border of an element to Hex F1A01E 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
#F1A01E }
```

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

```
.border{ border-color:#F1A01E }
```

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

Here you see how a box with a 4 pixel #F1A01E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1A01E; -webkit-box-shadow:4px 4px  
4px 4px #F1A01E; box-shadow:4px 4px 4px  
4px #F1A01E }
```

# Background

The CSS property to change the background color of an element to Hex F1A01E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1A01E }
```

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

```
.background{ background-color:#F1A01E }
```

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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