

# Converting Colors

Hex(F3A00D)

Have a look what the booklet for  
Hex(F3A00D) contains.

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**Color**

**Hex(F3A00D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3A00D
RGB	243, 160, 13
RGB Percent	95%, 63%, 5%
CMY	0.0471, 0.3725, 0.9490
CMYK	0.00, 0.34, 0.95, 0.05
HSL	38°, 91%, 50%
HSV	38°, 95%, 95%
XYZ	49.6056, 44.2254, 6.3026
YIQ	168.0590, 96.6550, -28.1210

# Conversions

## Conversions Part 2

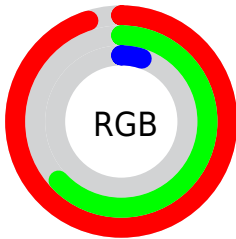
Format	Color
R <sub>Y</sub> B	143, 243, 13
Decimal	15966221
CIE Lab	72.38, 21.62, 75.01
CIE LCh	72, 78.065, 73.922
Yxy	44.2254, 0.4954, 0.4417
Android (android.graphics.Color)	4294156301 (0xFFF3A00D)
YUV	168.0590, -76.4441, 65.7233
Hunter-Lab	66.5021, 16.7688, 40.9324

# Details

The Hex color **F3A00D** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0D60F3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD752**, and **B56C00** is the 20% darker color. If you saturate the color by 10%, you get **F39B00**, and if you desaturate by 10%, it is **F3A925**.

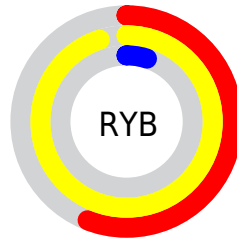
# Distribution



Red (95%)

Green (63%)

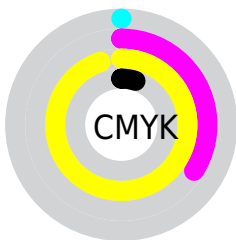
Blue (5%)



Red (56%)

Yellow (95%)

Blue (5%)

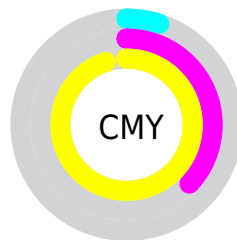


Cyan (0%)

Magenta (34%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (37%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3A00D 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 F3A00D by changing the saturation by 10% instead.



 F3A00D

 F3A00D

FFFFFF

 D48600

 FFD752

 B56C00

 FFF36E

 965400

 FFFF8A

 783D00

 FFFFA6

 5B2600

 FFFFC3

 401100

 FFFFEO

 280000

FFFFFFE

 000000

 F3A00D

 F3A00D

 F39B00

 F3A925

 F3B23E

 F3BA56

 F3C36E

 F3CC87

 F3D59F

 F3DDB7

 F3E6CF

 F3EFE8

# Harmonies

## Analogous

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



FF8151



F3A00D



B5B800

# Triad

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



F3A00D



00D3D2



DE8FFF

# Complementary

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



F3A00D



0D60F3

# 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.



54AFFF



F3A00D



00CFFF

# Square

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



F3A00D



00D087



00C4FF



FF70DB

# Rectangle

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



F3A00D



81C42A



00C4FF



BD9AFF



# Sweetspot

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



F3A00D



FFE5B8



F30D61



807054



000000



808080



# Same Dimension

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



F3A00D



FFA300



D4F30D



7A766E



BA7700



3B2500



# Inverse Universe

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



0D60F3



005CFF



2C0DF3



6E737A



0043BA



00153B



# Previews

## White Background



This preview shows how the Hex color F3A00D looks on a white background.

## Color Contrast Check

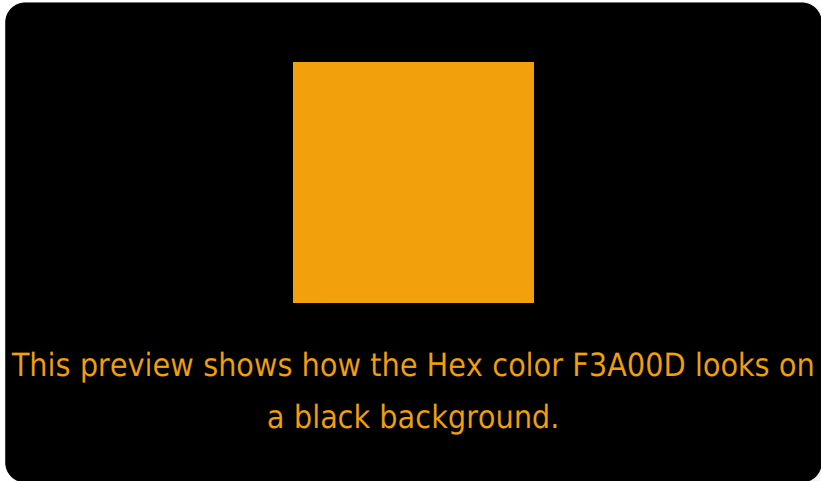
Large Text (above 18pt) WCAG AA × Fail

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 F3A00D Background



This preview shows how black text looks on a background with the Hex color F3A00D.



This preview shows how white text looks on a background with the Hex color F3A00D.

# 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**  
F3A00D

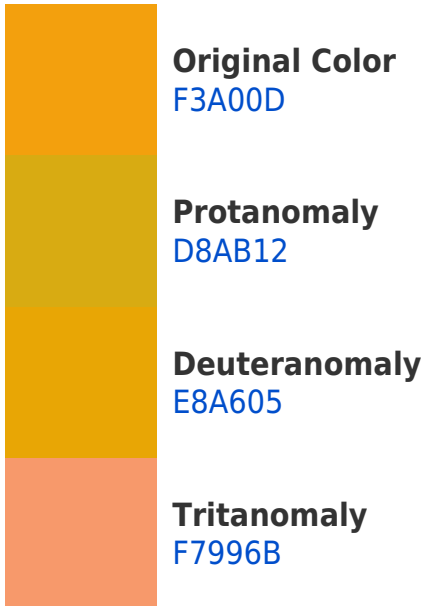
**Protanopia**  
C9B215

**Deuteranopia**  
E1A900

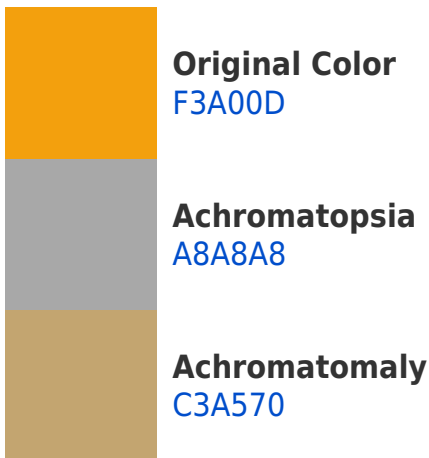


**Tritanopia**  
FA95A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3A00D 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 #F3A00D looks like.

```
.text, #text, p{  
    color:#F3A00D  
}
```

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 #F3A00D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3A00D
}
```

## Border

The CSS property to change the border of an element to Hex F3A00D 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
#F3A00D }
```

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

```
.border{ border-color:#F3A00D }
```

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

Here you see how a box with a 4 pixel #F3A00D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3A00D; -webkit-box-shadow:4px 4px  
4px 4px #F3A00D; box-shadow:4px 4px 4px  
4px #F3A00D }
```

# Background

The CSS property to change the background color of an element to Hex F3A00D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3A00D }
```

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

```
.background{ background-color:#F3A00D }
```

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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