

# Converting Colors

Hex(FA6013)

Have a look what the booklet for  
Hex(FA6013) contains.

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**Color**

**Hex(FA6013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA6013
RGB	250, 96, 19
RGB Percent	98%, 38%, 7%
CMY	0.0196, 0.6235, 0.9255
CMYK	0.00, 0.62, 0.92, 0.02
HSL	20°, 96%, 53%
HSV	20°, 92%, 98%
XYZ	43.7248, 28.7368, 3.8583
YIQ	133.2680, 116.5010, 8.7010

# Conversions

## Conversions Part 2

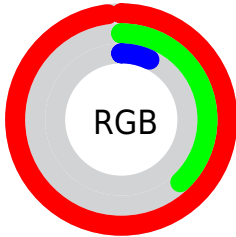
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 135, 19
Decimal	16408595
CIE Lab	60.55, 56.03, 66.29
CIE LCh	61, 86.797, 49.794
Yxy	28.7368, 0.5729, 0.3765
Android (android.graphics.Color)	4294598675 (0xFFFA6013)
YUV	133.2680, -56.3341, 102.3740
Hunter-Lab	53.6067, 51.7834, 33.2573

# Details

The Hex color **FA6013** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **13ADFA**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF974C**, and **B92600** is the 20% darker color. If you saturate the color by 10%, you get **FA5300**, and if you desaturate by 10%, it is **FA712C**.

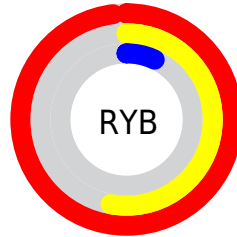
# Distribution



Red (98%)

Green (38%)

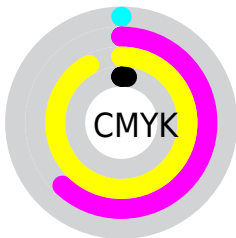
Blue (7%)



Red (98%)

Yellow (53%)

Blue (7%)

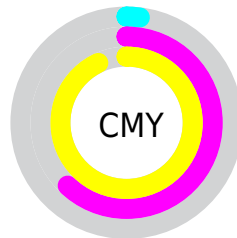


Cyan (0%)

Magenta (62%)

Yellow (92%)

Black (2%)



Cyan (2%)

Magenta (62%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA6013 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 FA6013 by changing the saturation by 10% instead.



 FA6013

 FA6013

FFFFFF

 D94400

 FF974C

 B92600

 FFB466

 990000

 FFD081

 790000

 FFEE9C

 5B0000

 FFFF88

 3F0002

 FFFFD4

 1D0001

 FFFFF1

 000000

 FA6013

 FA6013

■ FA5300

■ FA712C

■ FA8145

■ FA925E

■ FAA377

■ FAB390

■ FAC4A9

■ FAD5C2

■ FAE5DB

■ FAF6F4

# Harmonies

## Analogous

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



FF3264



FA6013



C68500

# Triad

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



FA6013



00B174



388AFF

# Complementary

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



FA6013



13ADFA

# 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.



00A3FF



FA6013



00B3C4

# Square

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



FA6013



00AB1D



00B0FF



D160F6

# Rectangle

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



FA6013



9A9700



00B0FF



0094FF



# Sweetspot

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



FA6013



FFCFB8



FA13AD



806354



000000



808080



# Same Dimension

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



FA6013



FF5500



FAD413



7D7570



BD3F00



3D1400

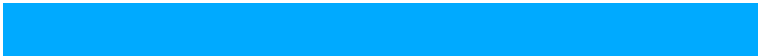


# Inverse Universe

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



13ADFA



00AAFF



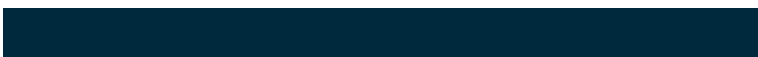
133AFA



70797D



007EBD



00293D



# Previews

## White Background



This preview shows how the Hex color FA6013 looks on a white background.

## Color Contrast Check

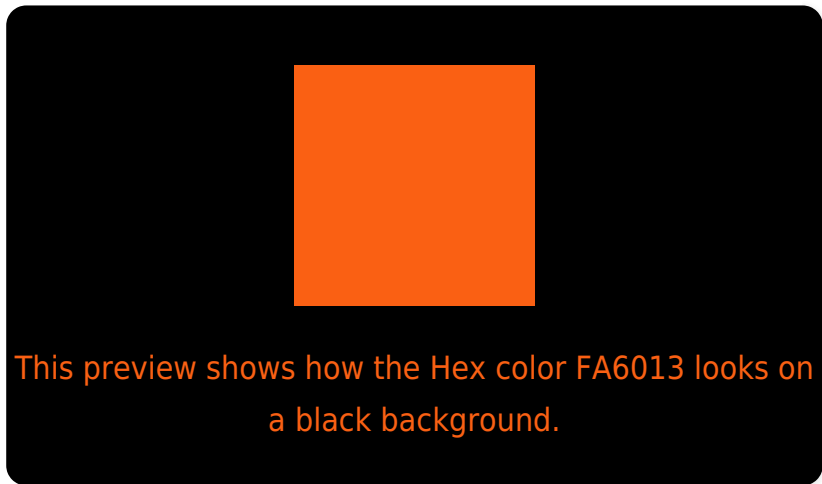
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex FA6013 Background



This preview shows how black text looks on a background with the Hex color FA6013.



This preview shows how white text looks on a background with the Hex color FA6013.

# 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](#).

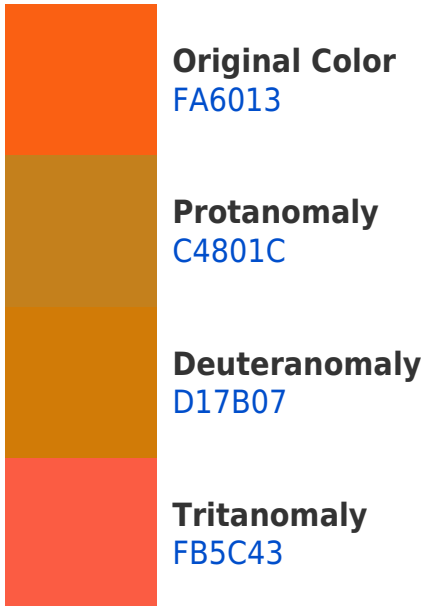
## Dichromacy





**Tritanopia**  
FC5A5F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA6013 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 #FA6013 looks like.

```
.text, #text, p{  
    color:#FA6013  
}
```

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 #FA6013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA6013  
}
```

## Border

The CSS property to change the border of an element to Hex FA6013 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".

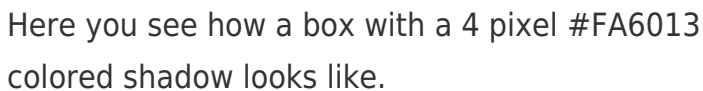
```
.border, #border, table{ border:4px solid  
#FA6013 }
```

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

```
.border{ border-color:#FA6013 }
```

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

Here you see how a box with a 4 pixel #FA6013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA6013; -webkit-box-shadow:4px 4px  
4px 4px #FA6013; box-shadow:4px 4px 4px  
4px #FA6013 }
```

# Background

The CSS property to change the background color of an element to Hex FA6013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA6013 }
```

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

```
.background{ background-color:#FA6013 }
```

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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