

# Converting Colors

Hex(FA6517)

Have a look what the booklet for  
Hex(FA6517) contains.

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**Color**

**Hex(FA6517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA6517
RGB	250, 101, 23
RGB Percent	98%, 40%, 9%
CMY	0.0196, 0.6039, 0.9098
CMYK	0.00, 0.60, 0.91, 0.02
HSL	21°, 96%, 54%
HSV	21°, 91%, 98%
XYZ	44.2327, 29.6932, 4.2107
YIQ	136.6590, 113.8420, 7.3300

# Conversions

## Conversions Part 2

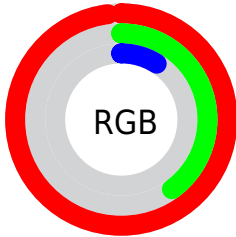
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 142, 23
Decimal	16409879
CIE Lab	61.39, 53.90, 65.80
CIE LCh	61, 85.053, 50.676
Yxy	29.6932, 0.5661, 0.3800
Android (android.graphics.Color)	4294599959 (0xFFFA6517)
YUV	136.6590, -56.0339, 99.4001
Hunter-Lab	54.4915, 49.5347, 33.5626

# Details

The Hex color **FA6517** 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 **17ACFA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9C4F**, and **B92D00** is the 20% darker color. If you saturate the color by 10%, you get **FA5600**, and if you desaturate by 10%, it is **FA7530**.

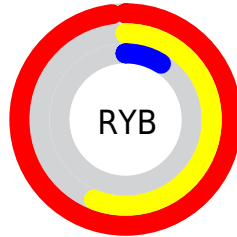
# Distribution



Red (98%)

Green (40%)

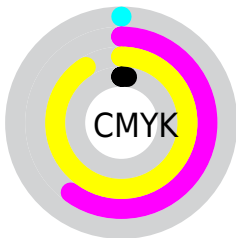
Blue (9%)



Red (98%)

Yellow (56%)

Blue (9%)

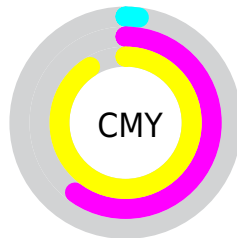


Cyan (0%)

Magenta (60%)

Yellow (91%)

Black (2%)



Cyan (2%)

Magenta (60%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA6517 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 FA6517 by changing the saturation by 10% instead.



 FA6517

 FA6517

FFFFFF

 D94A00

 FF9C4F

 B92D00

 FF8669

 990400

 FFD584

 7A0000

 FFF29F

 5B0000

 FFFFBB

 3F0002

 FFFFD7

 1E0001

 FFFFF4

 000000

 FA6517

 FA6517

FA5600

FA7530

FA8649

FA9662

FAA77B

FAB794

FAC7AD

FAD8C6

FAE8DF

FAF9F8

# Harmonies

## Analogous

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



FF3B64



FA6517



C78900

# Triad

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



FA6517



00B379



4C8BFF

# Complementary

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



FA6517



17ACFA

# 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.



00A5FF



FA6517



00B5C8

# Square

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



FA6517



00AD27



00B1FF



D563F5

# Rectangle

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



FA6517



9B9A00



00B1FF



0095FF



# Sweetspot

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



FA6517



FFD2BA



FA17AE



806557



000000



808080



# Same Dimension

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



FA6517



FF5800



FAD417



7D7570



BD4100



3D1500



# Inverse Universe

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



17ACFA



00A7FF



173DFA



70797D



007CBD



00283D



# Previews

## White Background



This preview shows how the Hex color FA6517 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 FA6517 Background



This preview shows how black text looks on a background with the Hex color FA6517.



This preview shows how white text looks on a background with the Hex color FA6517.

# 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**  
FA6517

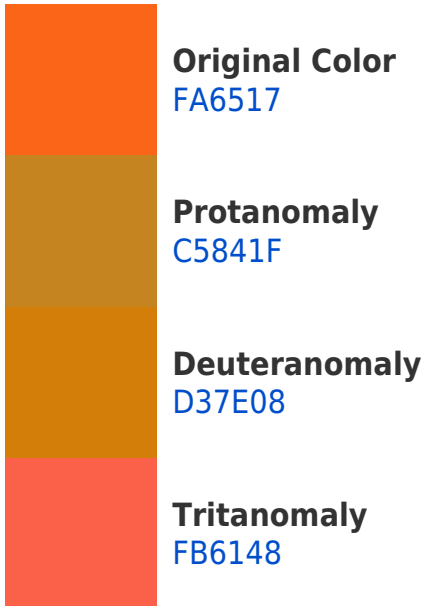
**Protanopia**  
A79524

**Deuteranopia**  
BC8D00

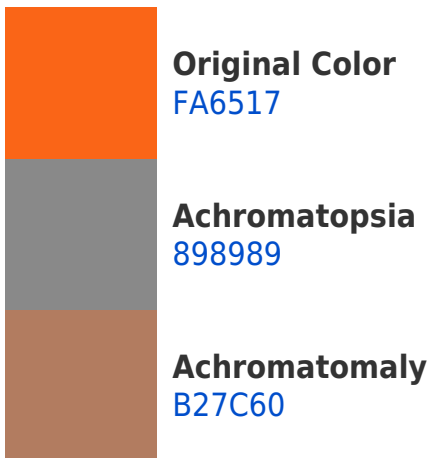


**Tritanopia**  
FC5E64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA6517 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 #FA6517 looks like.

```
.text, #text, p{  
    color:#FA6517  
}
```

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 #FA6517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA6517
}
```

## Border

The CSS property to change the border of an element to Hex FA6517 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
#FA6517 }
```

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

```
.border{ border-color:#FA6517 }
```

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

Here you see how a box with a 4 pixel #FA6517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA6517; -webkit-box-shadow:4px 4px  
4px 4px #FA6517; box-shadow:4px 4px 4px  
4px #FA6517 }
```

# Background

The CSS property to change the background color of an element to Hex FA6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA6517 }
```

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

```
.background{ background-color:#FA6517 }
```

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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