

# Converting Colors

Hex(FF5A19)

Have a look what the booklet for  
Hex(FF5A19) contains.

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**Color**

**Hex(F5A19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5A19
RGB	255, 90, 25
RGB Percent	100%, 35%, 10%
CMY	0.0000, 0.6471, 0.9020
CMYK	0.00, 0.65, 0.90, 0.00
HSL	17°, 100%, 55%
HSV	17°, 90%, 100%
XYZ	45.0716, 28.6425, 4.0727
YIQ	131.9250, 119.2050, 14.7650

# Conversions

## Conversions Part 2

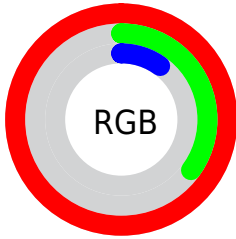
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 116, 25
Decimal	16734745
CIE Lab	60.46, 60.31, 64.95
CIE LCh	60, 88.636, 47.119
Yxy	28.6425, 0.5794, 0.3682
Android (android.graphics.Color)	4294924825 (0xFFFF5A19)
YUV	131.9250, -52.7140, 107.9368
Hunter-Lab	53.5187, 56.6689, 32.9512

# Details

The Hex color **FF5A19** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **19BEFF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF924F**, and **BD1A00** is the 20% darker color. If you saturate the color by 10%, you get **FF4800**, and if you desaturate by 10%, it is **FF6C32**.

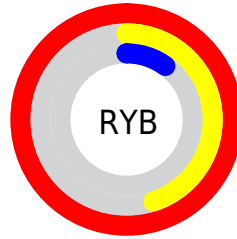
# Distribution



Red (100%)

Green (35%)

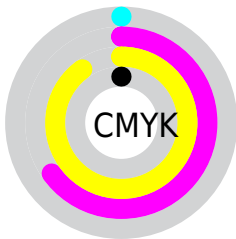
Blue (10%)



Red (100%)

Yellow (45%)

Blue (10%)

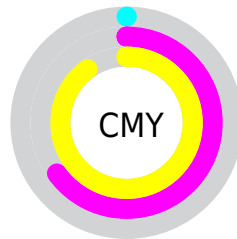


Cyan (0%)

Magenta (65%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5A19 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 FF5A19 by changing the saturation by 10% instead.



 FF5A19

 FF5A19

FFFFFF

 DE3D00

 FF924F

 BD1A00

 FFAF69

 9D0000

 FFCC84

 7D0000

 FFE99F

 5E0000

 FFFFBB

 420003

 FFFFD7

 210001

 FFFFF4

 000000

 FF5A19

 FF5A19

■ FF4800

■ FF6C32

■ FF7F4C

■ FF9165

■ FFA37F

■ FFB598

■ FFC8B2

■ FFDACB

■ FFECE5

FFFFFFE

# Harmonies

## Analogous

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



FF2769



FF5A19



CC8200

# Triad

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



FF5A19



00B16C



008CFF

# Complementary

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



FF5A19



19BEFF

# 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



FF5A19



00B3BE

# Square

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



FF5A19



00AA07



00B0FF



CA63FE

# Rectangle

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



FF5A19



A09500



00B0FF



0096FF



# Sweetspot

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



FF5A19



FFCEBA



FF19C2



806257



000000



808080



# Same Dimension

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



FF5A19



FF4800



FFC919



807673



BF3600



401200



# Inverse Universe

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



19BEFF



00B7FF



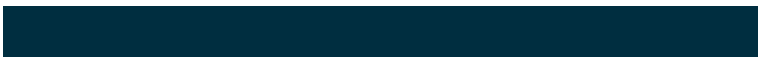
194FFF



737C80



0089BF



002E40



# Previews

## White Background



This preview shows how the Hex color FF5A19 looks on a white background.

## Color Contrast Check

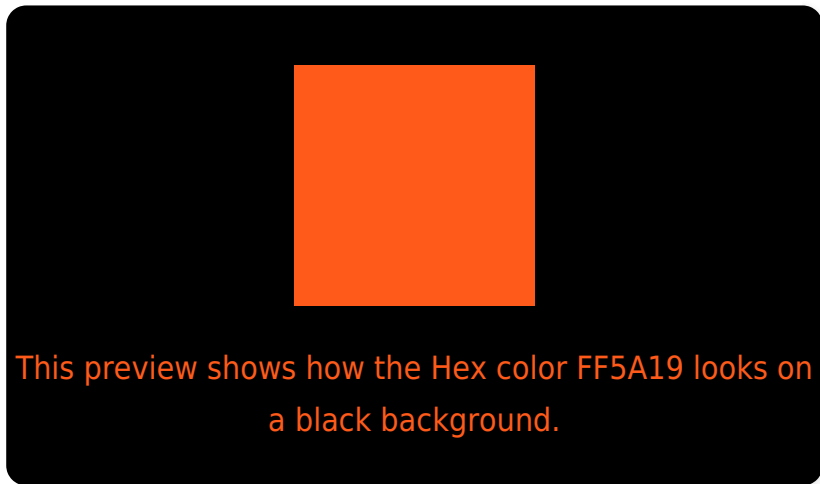
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5A19 Background



This preview shows how black text looks on a background with the Hex color FF5A19.



This preview shows how white text looks on a background with the Hex color FF5A19.

# 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**  
FF565A

# Trichromacy



**Original Color**  
FF5A19

**Protanomaly**  
C57E22

**Deuteranomaly**  
D27909

**Tritanomaly**  
FF5742

# Monochromacy



**Original Color**  
FF5A19

**Achromatopsia**  
848484

**Achromatomaly**  
B1755D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5A19 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 #FF5A19 looks like.

```
.text, #text, p{  
    color:#FF5A19  
}
```

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 #FF5A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5A19
}
```

## Border

The CSS property to change the border of an element to Hex FF5A19 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
#FF5A19 }
```

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

```
.border{ border-color:#FF5A19 }
```

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

Here you see how a box with a 4 pixel #FF5A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5A19; -webkit-box-shadow:4px 4px  
4px 4px #FF5A19; box-shadow:4px 4px 4px  
4px #FF5A19 }
```

# Background

The CSS property to change the background color of an element to Hex FF5A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5A19 }
```

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

```
.background{ background-color:#FF5A19 }
```

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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