

Converting Colors

Hex(FF5F0F)

Have a look what the booklet for
Hex(FF5F0F) contains.

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Color

Hex(**FF5F0F**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5F0F
RGB	255, 95, 15
RGB Percent	100%, 37%, 6%
CMY	0.0000, 0.6275, 0.9412
CMYK	0.00, 0.63, 0.94, 0.00
HSL	20°, 100%, 53%
HSV	20°, 94%, 100%
XYZ	45.4184, 29.4789, 3.7481
YIQ	133.7200, 121.0400, 9.0400

Conversions

Conversions Part 2

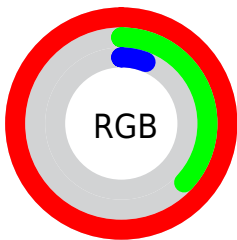
Format	Color
R_{YB}	255, 135, 15
Decimal	16736015
CIE Lab	61.20, 58.13, 68.05
CIE LCh	61, 89.499, 49.492
Yxy	29.4789, 0.5775, 0.3748
Android (android.graphics.Color)	4294926095 (0xFFFF5F0F)
YUV	133.7200, -58.5290, 106.3626
Hunter-Lab	54.2945, 54.3035, 33.9132

Details

The Hex color **FF5F0F** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **0FAFFF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF974A**, and **BD2300** is the 20% darker color. If you saturate the color by 10%, you get **FF5500**, and if you desaturate by 10%, it is **FF7029**.

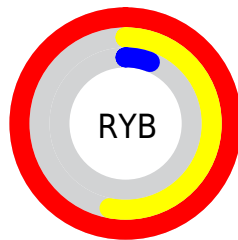
Distribution



Red (100%)

Green (37%)

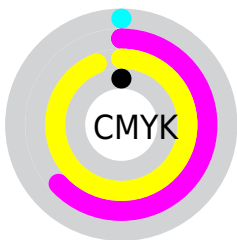
Blue (6%)



Red (100%)

Yellow (53%)

Blue (6%)

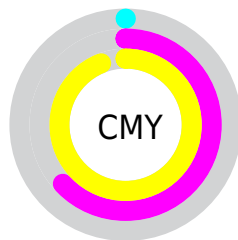


Cyan (0%)

Magenta (63%)

Yellow (94%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5F0F 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 FF5F0F by changing the saturation by 10% instead.

 FF5F0F

 FF5F0F

FFFFFF

 DE4300

 FF974A

 BD2300

 FFB364

 9D0000

 FFD07F

 7D0000

 FFED9A

 5E0000

 FFFFB6

 420002

 FFFFDD

 220001

 FFFFEE

 000000

 FF5F0F

 FF5F0F

■ FF5500

■ FF7029

■ FF8142

■ FF925C

■ FFA375

■ FFB48F

■ FFC5A8

■ FFD6C2

■ FFE7DB

■ FFF8F5

Harmonies

Analogous

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



FF2B65



FF5F0F



CA8600

Triad

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



FF5F0F



00B474



2B8BFF

Complementary

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



FF5F0F



0FAFFF

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.



00A6FF



FF5F0F



00B5C7

Square

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



FF5F0F



00AD17



00B2FF



D460FC

Rectangle

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



FF5F0F



9C9900



00B2FF



0096FF

Sweetspot

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



FF5F0F



FFCFB8



FF0FAF



806354



000000



808080

Same Dimension

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



FF5F0F



FF5500



FFD70F



807773



BF4000



401500

Inverse Universe

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



0FAFFF



00AAFF



0F37FF



737B80



007FBF



002A40

Previews

White Background



This preview shows how the Hex color FF5F0F looks on a white background.

Color Contrast Check

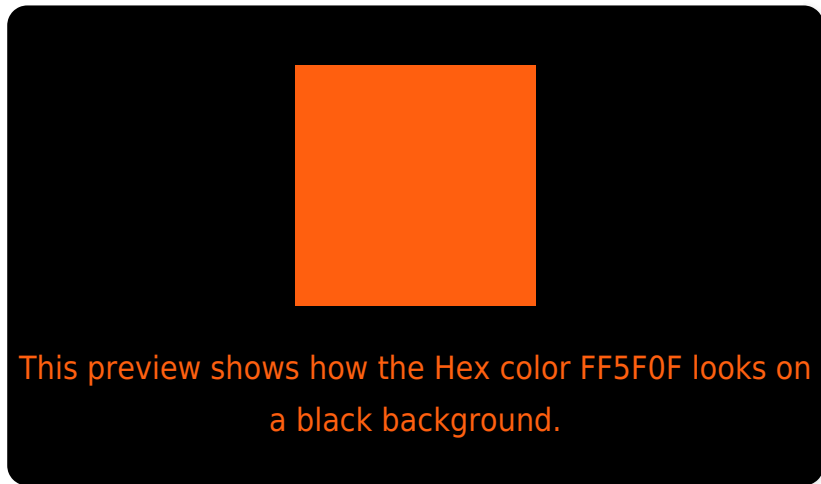
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5F0F Background



This preview shows how black text looks on a background with the Hex color FF5F0F.



This preview shows how white text looks on a background with the Hex color FF5F0F.

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
FF5F0F

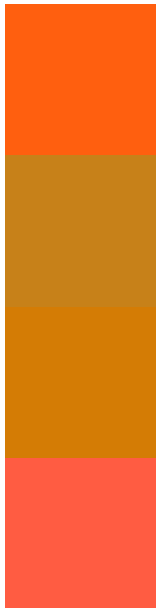
Protanopia
A7941F

Deuteranopia
BB8D00



Tritanopia
FF5B5F

Trichromacy



Original Color
FF5F0F

Protanomaly
C78119

Deuteranomaly
D47C05

Tritanomaly
FF5C42

Monochromacy



Original Color
FF5F0F

Achromatopsia
868686

Achromatomaly
B2785B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5F0F 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 #FF5F0F looks like.

```
.text, #text, p{  
    color:#FF5F0F  
}
```

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 #FF5F0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5F0F
}
```

Border

The CSS property to change the border of an element to Hex FF5F0F 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
#FF5F0F }
```

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

```
.border{ border-color:#FF5F0F }
```

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

Here you see how a box with a 4 pixel #FF5F0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5F0F; -webkit-box-shadow:4px 4px  
4px 4px #FF5F0F; box-shadow:4px 4px 4px  
4px #FF5F0F }
```

Background

The CSS property to change the background color of an element to Hex FF5F0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5F0F }
```

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

```
.background{ background-color:#FF5F0F }
```

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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