

Converting Colors

Hex(FF5F14)

Have a look what the booklet for
Hex(FF5F14) contains.

Hex(FF5F14)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**FF5F14**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5F14
RGB	255, 95, 20
RGB Percent	100%, 37%, 8%
CMY	0.0000, 0.6275, 0.9216
CMYK	0.00, 0.63, 0.92, 0.00
HSL	19°, 100%, 54%
HSV	19°, 92%, 100%
XYZ	45.4585, 29.4949, 3.9590
YIQ	134.2900, 119.4350, 10.5950

Conversions

Conversions Part 2

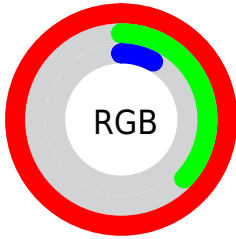
Format	Color
R_{YB}	255, 130, 20
Decimal	16736020
CIE _{Lab}	61.22, 58.19, 66.87
CIE _{LCh}	61, 88.645, 48.972
Yxy	29.4949, 0.5761, 0.3738
Android (android.graphics.Color)	4294926100 (0xFFFF5F14)
YUV	134.2900, -56.3450, 105.8627
Hunter-Lab	54.3092, 54.3688, 33.6944

Details

The Hex color **FF5F14** 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 **14B4FF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF974C**, and **BD2300** is the 20% darker color. If you saturate the color by 10%, you get **FF5100**, and if you desaturate by 10%, it is **FF702E**.

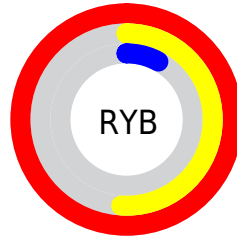
Distribution



Red (100%)

Green (37%)

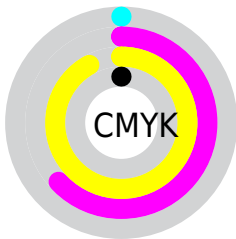
Blue (8%)



Red (100%)

Yellow (51%)

Blue (8%)

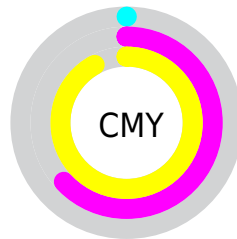


Cyan (0%)

Magenta (63%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5F14 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 FF5F14 by changing the saturation by 10% instead.

 FF5F14

 FF5F14

FFFFFF

 DE4300

 FF974C

 BD2300

 FFB367

 9D0000

 FFD081

 7D0000

 FFED9D

 5F0000

 FFFF88

 420002

 FFFFD5

 220001

 FFFFF2

 000000

 FF5F14

 FF5F14

■ FF5100

■ FF702E

■ FF8247

■ FF9361

■ FFA47A

■ FFB693

■ FFC7AD

■ FFD9C7

■ FFEAE0

■ FFFBFA

Harmonies

Analogous

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



FF2D66



FF5F14



CB8600

Triad

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



FF5F14



00B373



268CFF

Complementary

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



FF5F14



14B4FF

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



FF5F14



00B5C5

Square

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



FF5F14



00AD17



00B2FF



D262FC

Rectangle

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



FF5F14



9E9800



00B2FF



0096FF

Sweetspot

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



FF5F14



FFCEB8



FF14B5



806254



000000



808080

Same Dimension

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



FF5F14



FF5100



FFD414



807773



BF3D00



401400

Inverse Universe

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



14B4FF



00AEFF



143FFF



737B80



0082BF



002B40

Previews

White Background



This preview shows how the Hex color FF5F14 looks on a white background.

Color Contrast Check

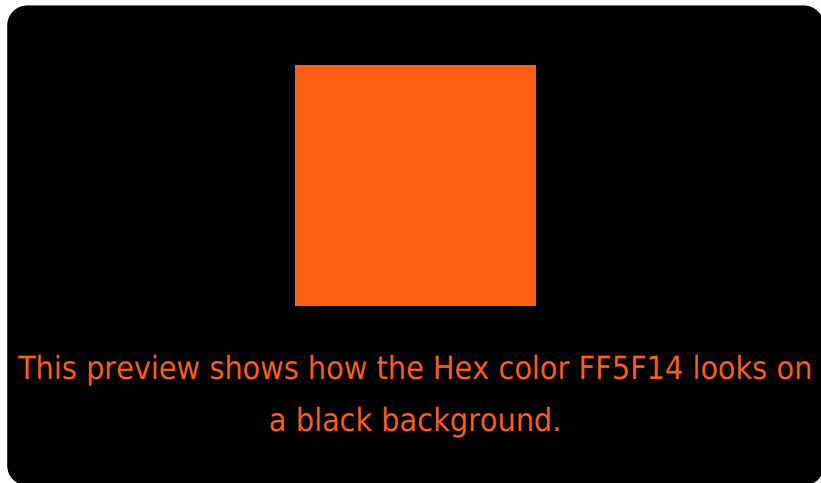
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5F14 Background



This preview shows how black text looks on a background with the Hex color FF5F14.



This preview shows how white text looks on a background with the Hex color FF5F14.

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
FF5F14

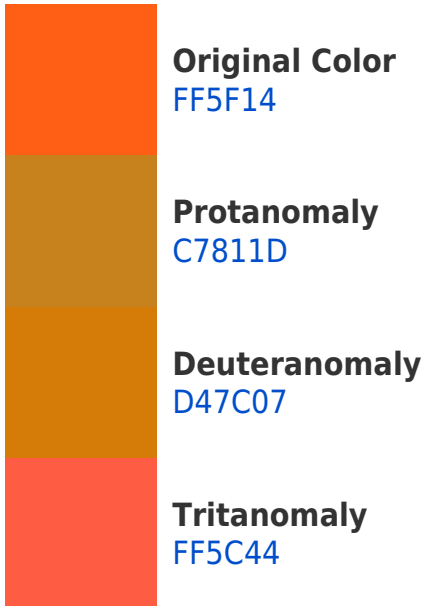
Protanopia
A79422

Deuteranopia
BB8D00



Tritanopia
FF5B5F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF5F14 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 #FF5F14 looks like.

```
.text, #text, p{  
    color:#FF5F14  
}
```

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 #FF5F14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5F14
}
```

Border

The CSS property to change the border of an element to Hex FF5F14 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".

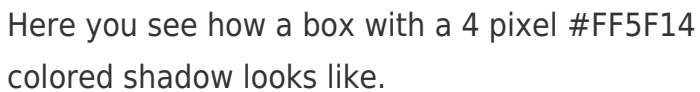
```
.border, #border, table{ border:4px solid
#FF5F14 }
```

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

```
.border{ border-color:#FF5F14 }
```

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

Here you see how a box with a 4 pixel #FF5F14 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5F14; -webkit-box-shadow:4px 4px  
4px 4px #FF5F14; box-shadow:4px 4px 4px  
4px #FF5F14 }
```

Background

The CSS property to change the background color of an element to Hex FF5F14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5F14 }
```

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

```
.background{ background-color:#FF5F14 }
```

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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