

Converting Colors

Hex(FF5B1E)

Have a look what the booklet for
Hex(FF5B1E) contains.

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Color

Hex(**FF5B1E**)

Conversions

Conversions Part 1

Format	Color
Hex	FF5B1E
RGB	255, 91, 30
RGB Percent	100%, 36%, 12%
CMY	0.0000, 0.6431, 0.8824
CMYK	0.00, 0.64, 0.88, 0.00
HSL	16°, 100%, 56%
HSV	16°, 88%, 100%
XYZ	45.2154, 28.8359, 4.4111
YIQ	133.0820, 117.3250, 15.7970

Conversions

Conversions Part 2

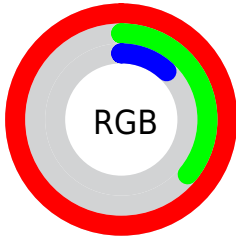
Format	Color
R_{YB}	255, 114, 30
Decimal	16735006
CIE _{Lab}	60.64, 59.99, 63.44
CIE _{LCh}	61, 87.313, 46.603
Yxy	28.8359, 0.5763, 0.3675
Android (android.graphics.Color)	4294925086 (0xFFFF5B1E)
YUV	133.0820, -50.8194, 106.9221
Hunter-Lab	53.6991, 56.3263, 32.7190

Details

The Hex color **FF5B1E** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1EC2FF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9353**, and **BD1C00** is the 20% darker color. If you saturate the color by 10%, you get **FF4805**, and if you desaturate by 10%, it is **FF6E38**.

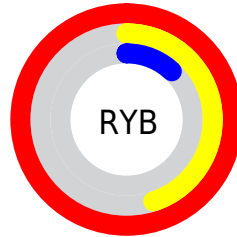
Distribution



Red (100%)

Green (36%)

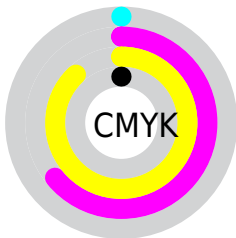
Blue (12%)



Red (100%)

Yellow (45%)

Blue (12%)

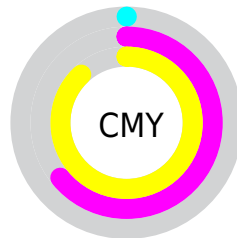


Cyan (0%)

Magenta (64%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5B1E 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 FF5B1E by changing the saturation by 10% instead.

 FF5B1E

 FF5B1E

FFFFFF

 DE3E00

 FF9353

 BD1C00

 FFB06D

 9D0000

 FFCD87

 7D0000

 FFEAA2

 5E0000

 FFFFBE

 420003

 FFFFDB

 210001

 FFFFF8

 000000

 FF5B1E

 FF5B1E

■ FF4805

■ FF6E38

■ FF4500

■ FF8051

■ FF936A

■ FFA584

■ FFB89E

■ FFCBB7

■ FFDDD1

■ FFF0EA

FFFFFF

Harmonies

Analogous

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



FF2C6B



FF5B1E



CD8200

Triad

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



FF5B1E



00B16C



008DFF

Complementary

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



FF5B1E



1EC2FF

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



FF5B1E



00B3BC

Square

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



FF5B1E



00AA0B



00B1FF



C865FE

Rectangle

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



FF5B1E



A29500



00B1FF



0097FF

Sweetspot

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



FF5B1E



FFCFBD



FF1EC3



806358



000000



808080

Same Dimension

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



FF5B1E



FF4500



FFCB1E



807673



BF3400



401100

Inverse Universe

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



1EC2FF



00BAFF



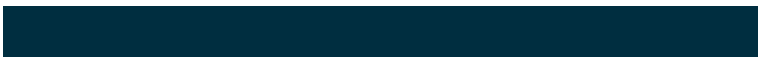
1E53FF



737C80



008BBF



002E40

Previews

White Background



This preview shows how the Hex color FF5B1E looks on a white background.

Color Contrast Check

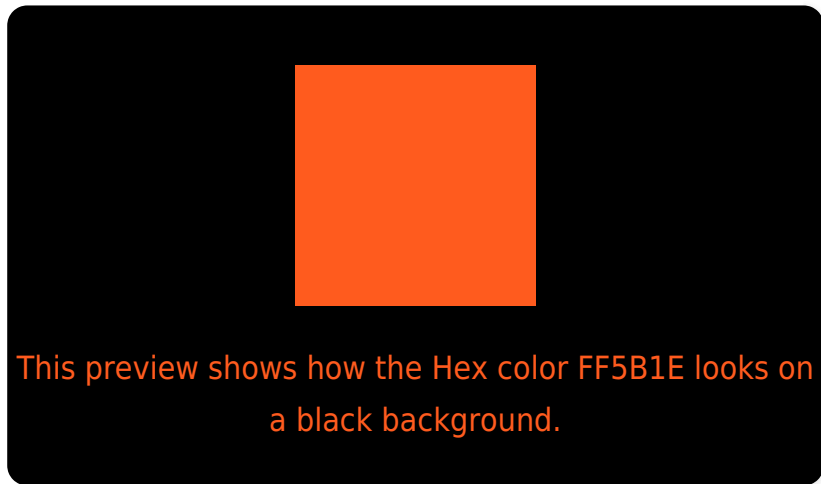
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5B1E Background



This preview shows how black text looks on a background with the Hex color FF5B1E.

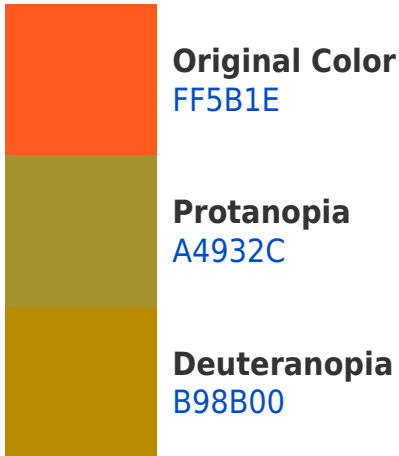


This preview shows how white text looks on a background with the Hex color FF5B1E.

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
FF575C

Trichromacy



Original Color
FF5B1E

Protanomaly
C57F27

Deuteranomaly
D27A0B

Tritanomaly
FF5845

Monochromacy



Original Color
FF5B1E

Achromatopsia
858585

Achromatomaly
B17660

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5B1E 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 #FF5B1E looks like.

```
.text, #text, p{  
    color:#FF5B1E  
}
```

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 #FF5B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5B1E
}
```

Border

The CSS property to change the border of an element to Hex FF5B1E 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
#FF5B1E }
```

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

```
.border{ border-color:#FF5B1E }
```

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

Here you see how a box with a 4 pixel #FF5B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5B1E; -webkit-box-shadow:4px 4px  
4px 4px #FF5B1E; box-shadow:4px 4px 4px  
4px #FF5B1E }
```

Background

The CSS property to change the background color of an element to Hex FF5B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5B1E }
```

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

```
.background{ background-color:#FF5B1E }
```

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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