

Converting Colors

Hex(FF5618)

Have a look what the booklet for
Hex(FF5618) contains.

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Color

Hex(F5618)

Conversions

Conversions Part 1

Format	Color
Hex	FF5618
RGB	255, 86, 24
RGB Percent	100%, 34%, 9%
CMY	0.0000, 0.6627, 0.9059
CMYK	0.00, 0.66, 0.91, 0.00
HSL	16°, 100%, 55%
HSV	16°, 91%, 100%
XYZ	44.7327, 27.9815, 3.9075
YIQ	129.4630, 120.6260, 16.5460

Conversions

Conversions Part 2

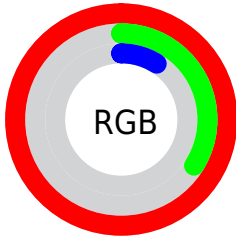
Format	Color
RYB	255, 109, 24
Decimal	16733720
CIELab	59.87, 61.89, 64.84
CIELCh	60, 89.639, 46.336
Yxy	27.9815, 0.5838, 0.3652
Android (android.graphics.Color)	4294923800 (0xFFFF5618)
YUV	129.4630, -51.9933, 110.0959
Hunter-Lab	52.8976, 58.3772, 32.6486

Details

The Hex color **FF5618** 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 **18C1FF**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF8F4E**, and **BD1000** is the 20% darker color. If you saturate the color by 10%, you get **FF4400**, and if you desaturate by 10%, it is **FF6931**.

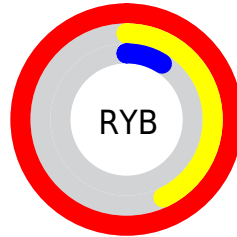
Distribution



Red (100%)

Green (34%)

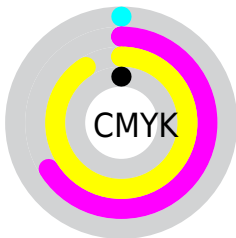
Blue (9%)



Red (100%)

Yellow (43%)

Blue (9%)

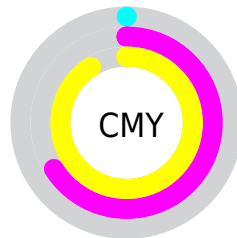


Cyan (0%)

Magenta (66%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5618 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 FF5618 by changing the saturation by 10% instead.

 FF5618

 FF5618

FFFFFF

 DE3800

 FF8F4E

 BD1000

 FFAC68

 9D0000

 FFC882

 7D0000

 FFE69E

 5E0000

 FFFFB9

 420003

 FFFFD6

 200001

 FFFFF2

 000000

 FF5618

 FF5618

■ FF4400

■ FF6931

■ FF7B4B

■ FF8E64

■ FFA17E

■ FFB397

■ FFC6B1

■ FFD9CB

■ FFEBE4

■ FFFEFD

Harmonies

Analogous

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



FF1D69



FF5618



CC8000

Triad

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



FF5618



00AF68



008CFF

Complementary

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



FF5618



18C1FF

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.



00A4FF



FF5618



00B2BB

Square

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



FF5618



00A800



00AFFF



C662FF

Rectangle

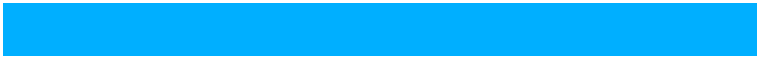
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



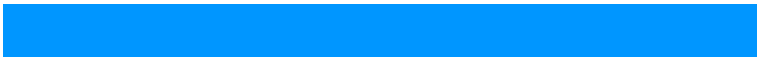
FF5618



A09300



00AFFF



0096FF

Sweetspot

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



FF5618



FFCDBA



FF18C1



806257



000000



808080

Same Dimension

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



FF5618



FF4400



FFC918



807673



BF3300



401100

Inverse Universe

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



18C1FF



00BBFF



184EFF



737C80



008CBF



002F40

Previews

White Background



This preview shows how the Hex color FF5618 looks on a white background.

Color Contrast Check

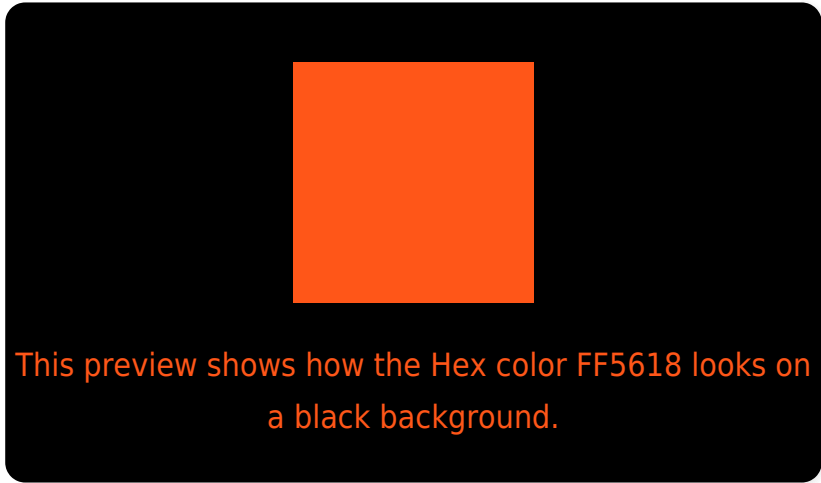
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5618 Background



This preview shows how black text looks on a background with the Hex color FF5618.

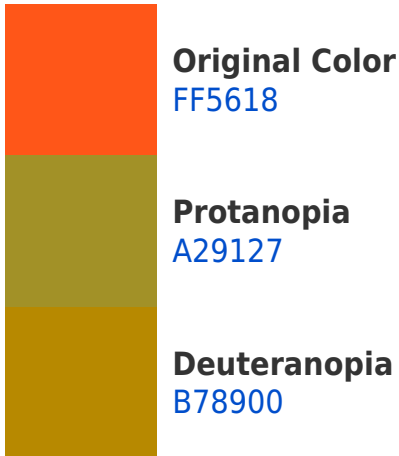


This preview shows how white text looks on a background with the Hex color FF5618.

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
FF5256

Trichromacy



Original Color
FF5618

Protanomaly
C47C22

Deuteranomaly
D17609

Tritanomaly
FF533F

Monochromacy



Original Color
FF5618

Achromatopsia
818181

Achromatomaly
AF715B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5618 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 #FF5618 looks like.

```
.text, #text, p{  
    color:#FF5618  
}
```

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 #FF5618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5618
}
```

Border

The CSS property to change the border of an element to Hex FF5618 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
#FF5618 }
```

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

```
.border{ border-color:#FF5618 }
```

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

Here you see how a box with a 4 pixel #FF5618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5618; -webkit-box-shadow:4px 4px  
4px 4px #FF5618; box-shadow:4px 4px 4px  
4px #FF5618 }
```

Background

The CSS property to change the background color of an element to Hex FF5618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5618 }
```

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

```
.background{ background-color:#FF5618 }
```

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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