

Converting Colors

Hex(FF5416)

Have a look what the booklet for
Hex(FF5416) contains.

Hex(FF5416)	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(F5416)

Conversions

Conversions Part 1

Format	Color
Hex	FF5416
RGB	255, 84, 22
RGB Percent	100%, 33%, 9%
CMY	0.0000, 0.6706, 0.9137
CMYK	0.00, 0.67, 0.91, 0.00
HSL	16°, 100%, 54%
HSV	16°, 91%, 100%
XYZ	44.5551, 27.6586, 3.7494
YIQ	128.0610, 121.8180, 16.9700

Conversions

Conversions Part 2

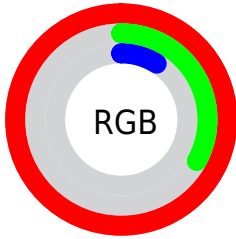
Format	Color
RYB	255, 106, 22
Decimal	16733206
CIELab	59.58, 62.64, 65.24
CIELCh	60, 90.443, 46.166
Yxy	27.6586, 0.5865, 0.3641
Android (android.graphics.Color)	4294923286 (0xFFFF5416)
YUV	128.0610, -52.2881, 111.3255
Hunter-Lab	52.5914, 59.1892, 32.5871

Details

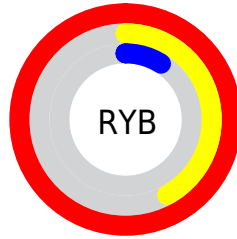
The Hex color **FF5416** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **16C1FF**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8D4C**, and **BD0A00** is the 20% darker color. If you saturate the color by 10%, you get **FF4400**, and if you desaturate by 10%, it is **FF6730**.

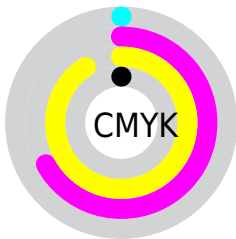
Distribution



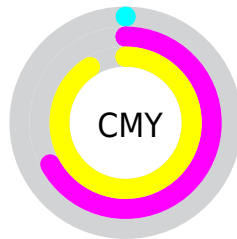
- Red (100%)
- Green (33%)
- Blue (9%)



- Red (100%)
- Yellow (42%)
- Blue (9%)



- Cyan (0%)
- Magenta (67%)
- Yellow (91%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5416 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 FF5416 by changing the saturation by 10% instead.

 FF5416

 FF5416

FFFFFF

 DE3500

 FF8D4C

 BD0A00

 FFAA66

 9D0000

 FFC781

 7D0000

 FFE49C

 5E0000

 FFFF88

 420003

 FFFFD4

 1F0001

 FFFFF1

 000000

 FF5416

 FF5416

 FF4400

 FF6730

 FF7949

 FF8C62

 FF9F7C

 FFB295

 FFC4AF

 FFD7C9

 FFEAE2

 FFFCFB

Harmonies

Analogous

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



FF1569



FF5416



CC7E00

Triad

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



FF5416



00AF66



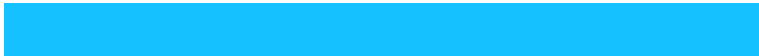
008BFF

Complementary

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



FF5416



16C1FF

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



FF5416



00B1BA

Square

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



FF5416



00A800



00AFFF



C561FF

Rectangle

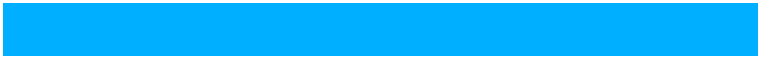
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF5416



9F9200



00AFFF



0095FF

Sweetspot

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



FF5416



FFCCBA



FF16C5



806257



000000



808080

Same Dimension

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



FF5416



FF4400



FFC516



807673



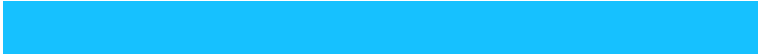
BF3300



401100

Inverse Universe

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



16C1FF



00BBFF



1650FF



737C80



008CBF



002F40

Previews

White Background



This preview shows how the Hex color FF5416 looks on a white background.

Color Contrast Check

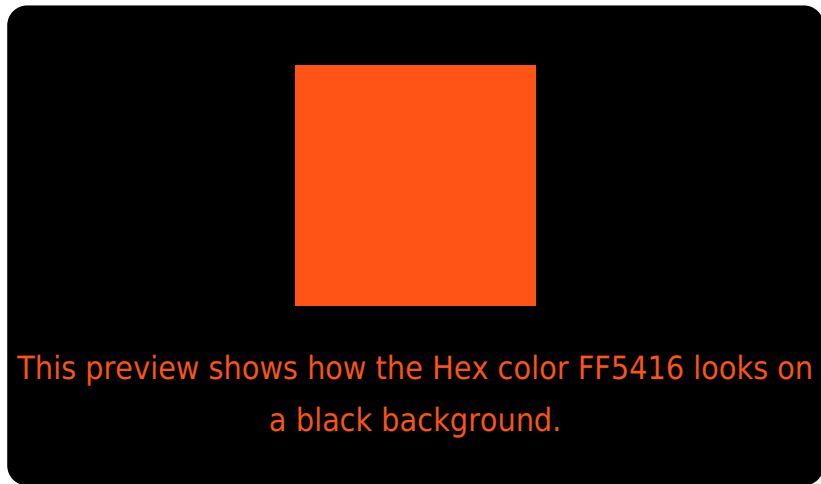
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5416 Background



This preview shows how black text looks on a background with the Hex color FF5416.



This preview shows how white text looks on a background with the Hex color FF5416.

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
FF5416

Protanopia
A29025

Deuteranopia
B68800



Tritanopia
FF5054

Trichromacy



Original Color
FF5416

Protanomaly
C47A20

Deuteranomaly
D17508

Tritanomaly
FF513D

Monochromacy



Original Color
FF5416

Achromatopsia
808080

Achromatomaly
AE7059

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5416 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 #FF5416 looks like.

```
.text, #text, p{  
    color:#FF5416  
}
```

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 #FF5416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5416
}
```

Border

The CSS property to change the border of an element to Hex FF5416 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
#FF5416 }
```

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

```
.border{ border-color:#FF5416 }
```

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

Here you see how a box with a 4 pixel #FF5416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5416; -webkit-box-shadow:4px 4px  
4px 4px #FF5416; box-shadow:4px 4px 4px  
4px #FF5416 }
```

Background

The CSS property to change the background color of an element to Hex FF5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5416 }
```

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

```
.background{ background-color:#FF5416 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor