

# Converting Colors

Hex(FF5113)

Have a look what the booklet for  
Hex(FF5113) contains.

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# Color

**Hex(F5113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5113
RGB	255, 81, 19
RGB Percent	100%, 32%, 7%
CMY	0.0000, 0.6824, 0.9255
CMYK	0.00, 0.68, 0.93, 0.00
HSL	16°, 100%, 54%
HSV	16°, 93%, 100%
XYZ	44.3000, 27.1919, 3.5298
YIQ	125.9580, 123.6060, 17.6060

# Conversions

## Conversions Part 2

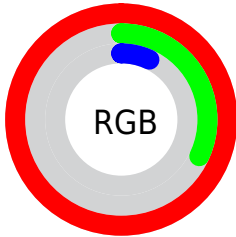
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 103, 19
Decimal	16732435
CIE <sub>Lab</sub>	59.15, 63.74, 65.80
CIE <sub>LCh</sub>	59, 91.609, 45.912
Yxy	27.1919, 0.5905, 0.3625
Android (android.graphics.Color)	4294922515 (0xFFFF5113)
YUV	125.9580, -52.7303, 113.1698
Hunter-Lab	52.1458, 60.3877, 32.4887

# Details

The Hex color **FF5113** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **13C1FF**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8B4A**, and **BD0000** is the 20% darker color. If you saturate the color by 10%, you get **FF4300**, and if you desaturate by 10%, it is **FF642D**.

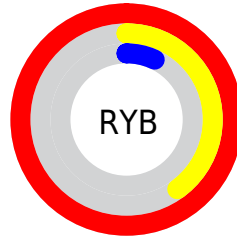
# Distribution



Red (100%)

Green (32%)

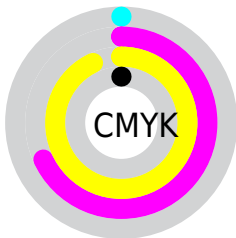
Blue (7%)



Red (100%)

Yellow (40%)

Blue (7%)

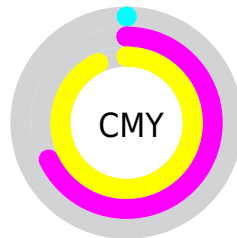


Cyan (0%)

Magenta (68%)

Yellow (93%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5113 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 FF5113 by changing the saturation by 10% instead.



 FF5113

 FF5113

FFFFFF

 DE3200

 FF8B4A

 BD0000

 FFA764

 9C0000

 FFC47F

 7C0000

 FFE29A

 5D0000

 FFFFB5

 410003

 FFFFD2

 1F0001

 FFFFEE

 000000

 FF5113

 FF5113

■ FF4300

■ FF642D

■ FF7746

■ FF8960

■ FF9C79

■ FFAF93

■ FFC2AC

■ FFD5C6

■ FFE7DF

■ FFFAF9

# Harmonies

## Analogous

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



FF0468



FF5113



CB7D00

# Triad

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



FF5113



00AE64



008AFF

# Complementary

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



FF5113



13C1FF

# 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.



00A3FF



FF5113



00B0B9

# Square

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



FF5113



00A700



00AEFF



C45FFF

# Rectangle

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



FF5113



9F9100



00AEFF



0094FF



# Sweetspot

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



FF5113



FFCAB8



FF13C4



806054



000000



808080



# Same Dimension

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



FF5113



FF4300



FFC413



807673



BF3200

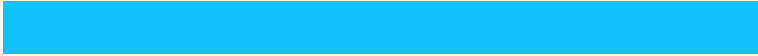


401100



# Inverse Universe

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



13C1FF



00BCFF



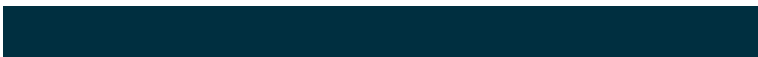
134EFF



737C80



008DBF



002F40



# Previews

## White Background



This preview shows how the Hex color FF5113 looks on a white background.

## Color Contrast Check

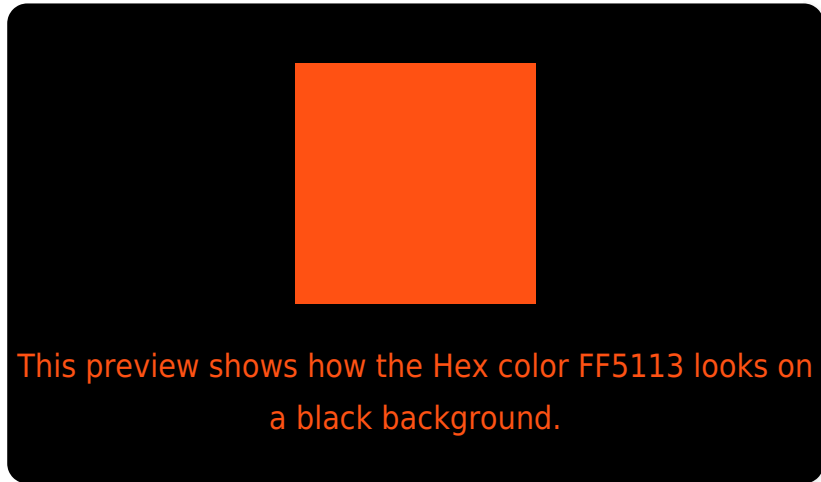
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5113 Background



This preview shows how black text looks on a background with the Hex color FF5113.



This preview shows how white text looks on a background with the Hex color FF5113.

# 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**  
FF5113

**Protanopia**  
A08F23

**Deuteranopia**  
B48700



**Tritanopia**  
FF4D51

# Trichromacy



**Original Color**  
FF5113

**Protanomaly**  
C3781D

**Deuteranomaly**  
CF7307

**Tritanomaly**  
FF4E3A

# Monochromacy



**Original Color**  
FF5113

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
AD6E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5113 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 #FF5113 looks like.

```
.text, #text, p{  
    color:#FF5113  
}
```

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 #FF5113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5113
}
```

## Border

The CSS property to change the border of an element to Hex FF5113 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
#FF5113 }
```

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

```
.border{ border-color:#FF5113 }
```

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

Here you see how a box with a 4 pixel #FF5113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5113; -webkit-box-shadow:4px 4px  
4px 4px #FF5113; box-shadow:4px 4px 4px  
4px #FF5113 }
```

# Background

The CSS property to change the background color of an element to Hex FF5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5113 }
```

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

```
.background{ background-color:#FF5113 }
```

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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