

Converting Colors

Hex(FF5512)

Have a look what the booklet for
Hex(FF5512) contains.

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Color

Hex(F5512)

Conversions

Conversions Part 1

Format	Color
Hex	FF5512
RGB	255, 85, 18
RGB Percent	100%, 33%, 7%
CMY	0.0000, 0.6667, 0.9294
CMYK	0.00, 0.67, 0.93, 0.00
HSL	17°, 100%, 54%
HSV	17°, 93%, 100%
XYZ	44.5977, 27.8007, 3.5878
YIQ	128.1920, 122.8270, 15.2030

Conversions

Conversions Part 2

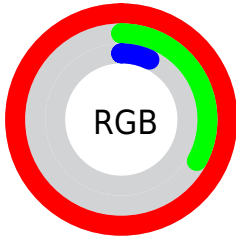
Format	Color
R_{YB}	255, 111, 18
Decimal	16733458
CIE _{Lab}	59.71, 62.20, 66.41
CIE _{LCh}	60, 90.995, 46.874
Yxy	27.8007, 0.5869, 0.3659
Android (android.graphics.Color)	4294923538 (0xFFFF5512)
YUV	128.1920, -54.3247, 111.2106
Hunter-Lab	52.7263, 58.7101, 32.8740

Details

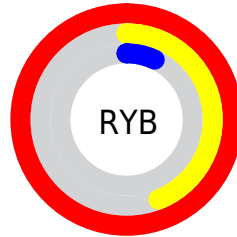
The Hex color **FF5512** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **12BCFF**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8E4A**, and **BD0E00** is the 20% darker color. If you saturate the color by 10%, you get **FF4800**, and if you desaturate by 10%, it is **FF672C**.

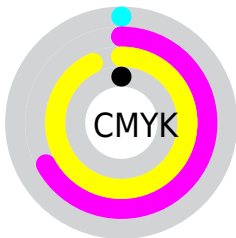
Distribution



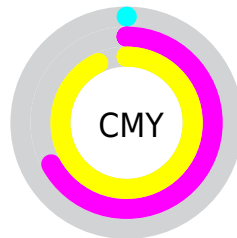
- Red (100%)
- Green (33%)
- Blue (7%)



- Red (100%)
- Yellow (44%)
- Blue (7%)



- Cyan (0%)
- Magenta (67%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5512 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 FF5512 by changing the saturation by 10% instead.

 FF5512

 FF5512

FFFFFF

 DE3700

 FF8E4A

 BD0E00

 FFAB64

 9D0000

 FFC87F

 7D0000

 FFE59A

 5E0000

 FFFFB6

 420003

 FFFFD2

 200001

 FFFFEE

 000000

 FF5512

 FF5512

■ FF4800

■ FF672C

■ FF7A45

■ FF8C5F

■ FF9E78

■ FFB092

■ FFC3AB

■ FFD5C5

■ FFE7DE

■ FFFAF8

Harmonies

Analogous

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



FF1567



FF5512



CB8000

Triad

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



FF5512



00AF68



008BFF

Complementary

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



FF5512



12BCFF

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



FF5512



00B2BC

Square

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



FF5512



00A800



00AFFF



C85FFF

Rectangle

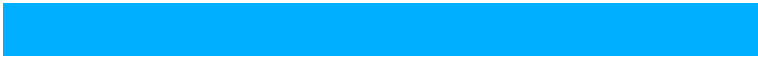
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF5512



9E9300



00AFFF



0095FF

Sweetspot

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



FF5512



FFCCB8



FF12C0



806054



000000



808080

Same Dimension

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



FF5512



FF4800



FFC812



807673



BF3600



401200

Inverse Universe

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



12BCFF



00B7FF



1249FF



737C80



0089BF



002E40

Previews

White Background



This preview shows how the Hex color FF5512 looks on a white background.

Color Contrast Check

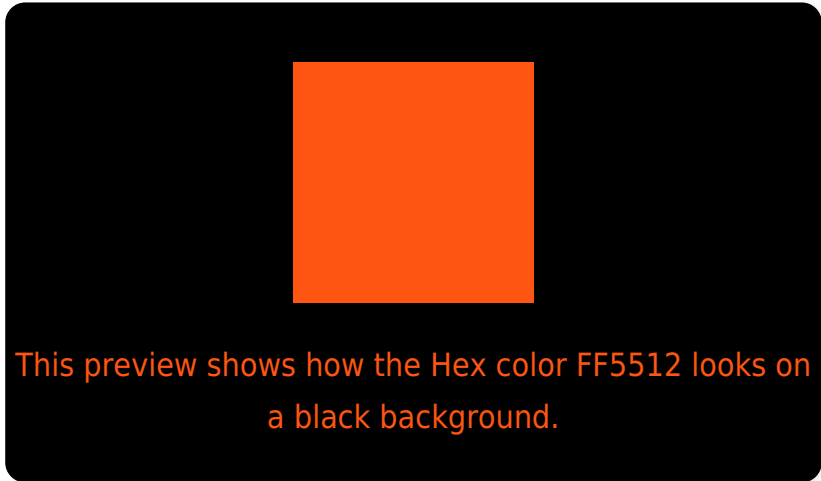
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5512 Background



This preview shows how black text looks on a background with the Hex color FF5512.



This preview shows how white text looks on a background with the Hex color FF5512.

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](#).

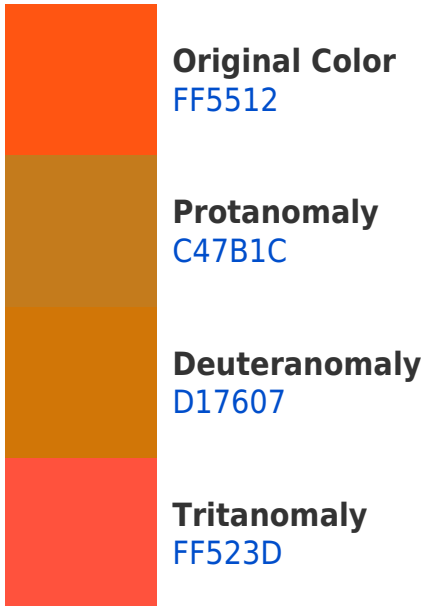
Dichromacy





Tritanopia
FF5155

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF5512 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 #FF5512 looks like.

```
.text, #text, p{  
    color:#FF5512  
}
```

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 #FF5512 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5512
}
```

Border

The CSS property to change the border of an element to Hex FF5512 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
#FF5512 }
```

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

```
.border{ border-color:#FF5512 }
```

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

Here you see how a box with a 4 pixel #FF5512 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5512; -webkit-box-shadow:4px 4px  
4px 4px #FF5512; box-shadow:4px 4px 4px  
4px #FF5512 }
```

Background

The CSS property to change the background color of an element to Hex FF5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5512 }
```

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

```
.background{ background-color:#FF5512 }
```

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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