

Converting Colors

Hex(FF5933)

Have a look what the booklet for
Hex(FF5933) contains.

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Color

Hex(F5933)

Conversions

Conversions Part 1

Format	Color
Hex	FF5933
RGB	255, 89, 51
RGB Percent	100%, 35%, 20%
CMY	0.0000, 0.6510, 0.8000
CMYK	0.00, 0.65, 0.80, 0.00
HSL	11°, 100%, 60%
HSV	11°, 80%, 100%
XYZ	45.4099, 28.6438, 6.2674
YIQ	134.3020, 111.1340, 23.3740

Conversions

Conversions Part 2

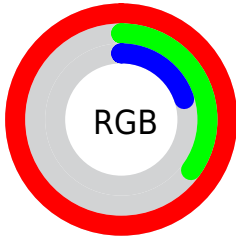
Format	Color
R_{YB}	255, 98, 51
Decimal	16734515
CIE _{Lab}	60.47, 61.28, 54.62
CIE _{LCh}	60, 82.089, 41.708
Yxy	28.6438, 0.5654, 0.3566
Android (android.graphics.Color)	4294924595 (0xFFFF5933)
YUV	134.3020, -41.0679, 105.8521
Hunter-Lab	53.5199, 57.7918, 30.5208

Details

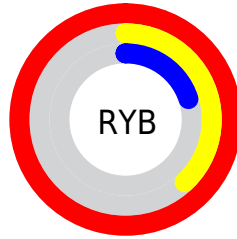
The Hex color **FF5933** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33D9FF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9265**, and **BE1700** is the 20% darker color. If you saturate the color by 10%, you get **FF4419**, and if you desaturate by 10%, it is **FF6E4D**.

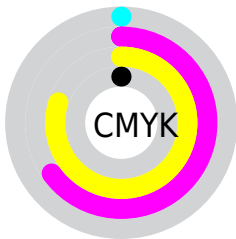
Distribution



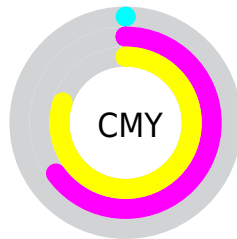
- Red (100%)
- Green (35%)
- Blue (20%)



- Red (100%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5933 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 FF5933 by changing the saturation by 10% instead.

 FF5933

 FF5933

FFFFFF

 DE3B1A

 FF9265

 BE1700

 FFAE7E

 9E0000

 FFCB99

 7E0000

 FFE9B4

 5F0000

 FFFFD0

 430003

 FFFFED

 220001

 000000

 FF5933

 FF5933

 FF4419

 FF6E4D

 FF3000

 FF8366

 FF9780

 FFAC99

 FFC1B3

 FFD6CC

 FFEAE6

FFFFFF

Harmonies

Analogous

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



FF3779



FF5933



D37E00

Triad

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



FF5933



00AF61



0092FF

Complementary

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



FF5933



33D9FF

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



FF5933



00B1AD

Square

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



FF5933



3EA703



00B0F1



B66FFF

Rectangle

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



FF5933



AC9000



00B0F1



009AFF

Sweetspot

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



FF5933



FFCDC2



FF33DA



80615B



000000



808080

Same Dimension

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



FF5933



FF380A



FFBE33



807573



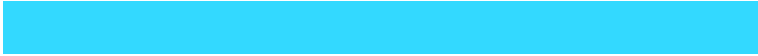
BF2400



400C00

Inverse Universe

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



33D9FF



0AD1FF



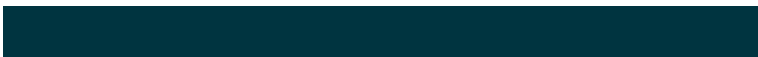
3374FF



737D80



009CBF



003440

Previews

White Background



This preview shows how the Hex color FF5933 looks on a white background.

Color Contrast Check

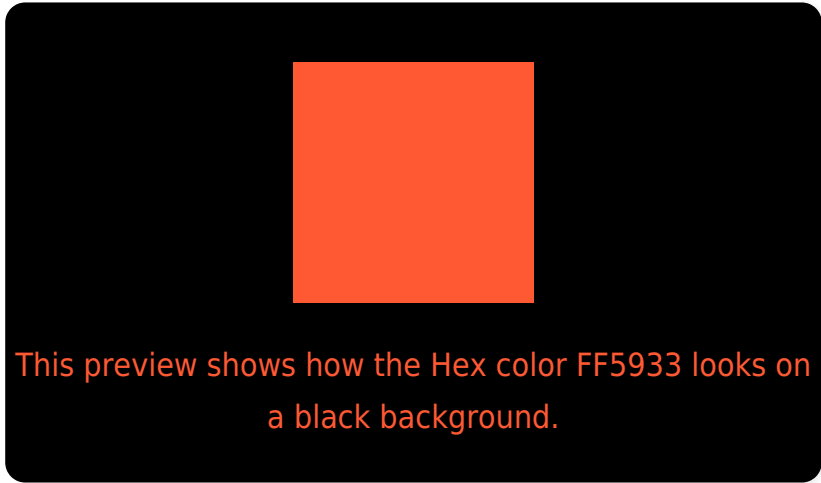
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5933 Background



This preview shows how black text looks on a background with the Hex color FF5933.



This preview shows how white text looks on a background with the Hex color FF5933.

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
FF5933

Protanopia
A29243

Deuteranopia
B88B24



Tritanopia
FF565A

Trichromacy



Original Color
FF5933

Protanomaly
C47D3D

Deuteranomaly
D27929

Tritanomaly
FF574C

Monochromacy



Original Color
FF5933

Achromatopsia
868686

Achromatomaly
B27668

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5933 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 #FF5933 looks like.

```
.text, #text, p{  
    color:#FF5933  
}
```

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 #FF5933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5933
}
```

Border

The CSS property to change the border of an element to Hex FF5933 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
#FF5933 }
```

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

```
.border{ border-color:#FF5933 }
```

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

Here you see how a box with a 4 pixel #FF5933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5933; -webkit-box-shadow:4px 4px  
4px 4px #FF5933; box-shadow:4px 4px 4px  
4px #FF5933 }
```

Background

The CSS property to change the background color of an element to Hex FF5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5933 }
```

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

```
.background{ background-color:#FF5933 }
```

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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