

Converting Colors

Hex(FF5A33)

Have a look what the booklet for
Hex(FF5A33) contains.

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Color

Hex(F5A33)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A33
RGB	255, 90, 51
RGB Percent	100%, 35%, 20%
CMY	0.0000, 0.6471, 0.8000
CMYK	0.00, 0.65, 0.80, 0.00
HSL	11°, 100%, 60%
HSV	11°, 80%, 100%
XYZ	45.4937, 28.8113, 6.2953
YIQ	134.8890, 110.8590, 22.8510

Conversions

Conversions Part 2

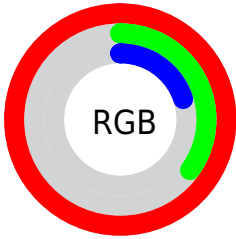
Format	Color
R_{YB}	255, 99, 51
Decimal	16734771
CIE _{Lab}	60.61, 60.88, 54.76
CIE _{LCh}	61, 81.884, 41.969
Yxy	28.8113, 0.5644, 0.3575
Android (android.graphics.Color)	4294924851 (0xFFFF5A33)
YUV	134.8890, -41.3573, 105.3373
Hunter-Lab	53.6762, 57.3558, 30.6196

Details

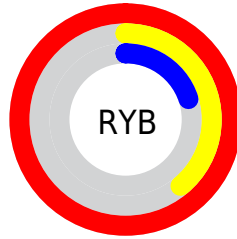
The Hex color **FF5A33** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33D8FF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9365**, and **BE1900** is the 20% darker color. If you saturate the color by 10%, you get **FF4519**, and if you desaturate by 10%, it is **FF6F4D**.

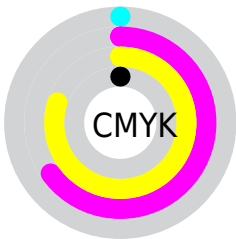
Distribution



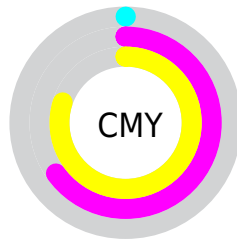
- Red (100%)
- Green (35%)
- Blue (20%)



- Red (100%)
- Yellow (39%)
- 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 FF5A33 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 FF5A33 by changing the saturation by 10% instead.

 FF5A33

 FF5A33

FFFFFF

 DE3D1A

 FF9365

 BE1900

 FFAF7F

 9E0000

 FFCC99

 7E0000

 FFEAB4

 5F0000

 FFFFD0

 430003

 FFFFED

 220001

 000000

 FF5A33

 FF5A33

■ FF4519

■ FF6F4D

■ FF3100

■ FF8366

■ FF9880

■ FFAD99

■ FFC1B3

■ FFD6CC

■ FFEAE6

FFFFFF

Harmonies

Analogous

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



FF3879



FF5A33



D37E00

Triad

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



FF5A33



00AF62



0092FF

Complementary

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



FF5A33



33D8FF

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.



00A7FF



FF5A33



00B2AE

Square

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



FF5A33



3EA707



00B0F2



B770FF

Rectangle

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



FF5A33



AC9100



00B0F2



009AFF

Sweetspot

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



FF5A33



FFCEC2



FF33DA



80625B



000000



808080

Same Dimension

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



FF5A33



FF390A



FFBE33



807573



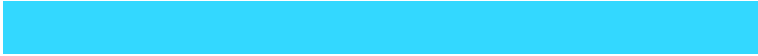
BF2500



400C00

Inverse Universe

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



33D8FF



0AD0FF



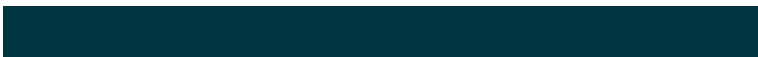
3374FF



737D80



009BBF



003440

Previews

White Background



This preview shows how the Hex color FF5A33 looks on a white background.

Color Contrast Check

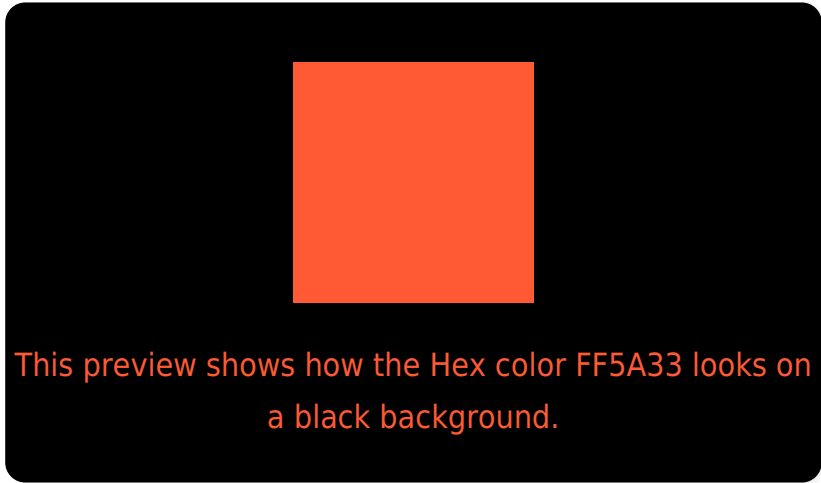
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5A33 Background



This preview shows how black text looks on a background with the Hex color FF5A33.



This preview shows how white text looks on a background with the Hex color FF5A33.

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
FF5A33

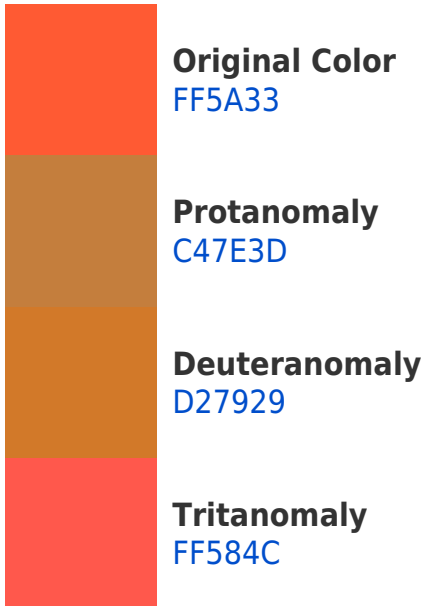
Protanopia
A39343

Deuteranopia
B88B24



Tritanopia
FF575B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF5A33 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 #FF5A33 looks like.

```
.text, #text, p{  
    color:#FF5A33  
}
```

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 #FF5A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5A33
}
```

Border

The CSS property to change the border of an element to Hex FF5A33 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
#FF5A33 }
```

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

```
.border{ border-color:#FF5A33 }
```

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

Here you see how a box with a 4 pixel #FF5A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5A33; -webkit-box-shadow:4px 4px  
4px 4px #FF5A33; box-shadow:4px 4px 4px  
4px #FF5A33 }
```

Background

The CSS property to change the background color of an element to Hex FF5A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5A33 }
```

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

```
.background{ background-color:#FF5A33 }
```

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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