

Converting Colors

Hex(FF5333)

Have a look what the booklet for
Hex(FF5333) contains.

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Color

Hex(F5333)

Conversions

Conversions Part 1

Format	Color
Hex	FF5333
RGB	255, 83, 51
RGB Percent	100%, 33%, 20%
CMY	0.0000, 0.6745, 0.8000
CMYK	0.00, 0.67, 0.80, 0.00
HSL	9°, 100%, 60%
HSV	9°, 80%, 100%
XYZ	44.9308, 27.6855, 6.1077
YIQ	130.7800, 112.7840, 26.5120

Conversions

Conversions Part 2

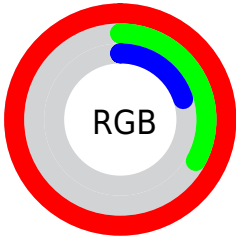
Format	Color
R_{YB}	255, 89, 51
Decimal	16732979
CIE _{Lab}	59.60, 63.62, 53.79
CIE _{LCh}	60, 83.313, 40.214
Yxy	27.6855, 0.5707, 0.3517
Android (android.graphics.Color)	4294923059 (0xFFFF5333)
YUV	130.7800, -39.3315, 108.9409
Hunter-Lab	52.6170, 60.3451, 29.9496

Details

The Hex color **FF5333** 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 **33DFFF**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF8D64**, and **BE0500** is the 20% darker color. If you saturate the color by 10%, you get **FF3E19**, and if you desaturate by 10%, it is **FF694D**.

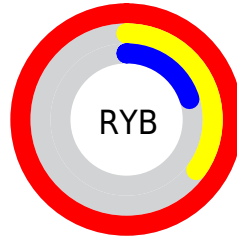
Distribution



Red (100%)

Green (33%)

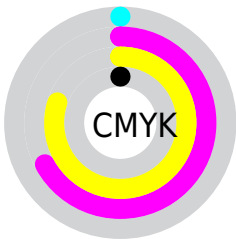
Blue (20%)



Red (100%)

Yellow (35%)

Blue (20%)

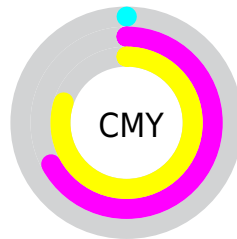


Cyan (0%)

Magenta (67%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (67%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5333 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 FF5333 by changing the saturation by 10% instead.

 FF5333

 FF5333

FFFFFF

 DE341B

 FF8D64

 BE0500

 FFA97E

 9E0000

 FFC699

 7E0000

 FFE4B4

 5F0000

 FFFFD0

 420003

 FFFFEC

 210001

 000000

 FF5333

 FF5333

■ FF3E19

■ FF694D

■ FF2800

■ FF7E66

■ FF9380

■ FFA999

■ FFBFB3

■ FFD4CC

■ FFEAE6

FFFFFF

Harmonies

Analogous

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



FF2F7A



FF5333



D47A00

Triad

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



FF5333



00AC5A



0091FF

Complementary

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



FF5333



33DFFF

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.



00A5FF



FF5333



00AFA8

Square

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



FF5333



40A400



00AEED



AF6EFF

Rectangle

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



FF5333



AD8D00



00AEED



0099FF

Sweetspot

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



FF5333



FFCBC2



FF33E0



80605B



000000



808080

Same Dimension

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



FF5333



FF310A



FFB833



807573



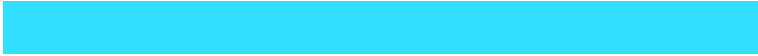
BF1E00



400A00

Inverse Universe

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



33DFFF



0AD9FF



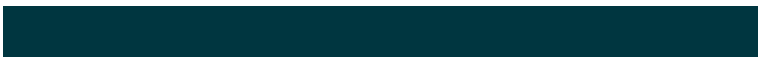
337AFF



737E80



00A1BF



003640

Previews

White Background



This preview shows how the Hex color FF5333 looks on a white background.

Color Contrast Check

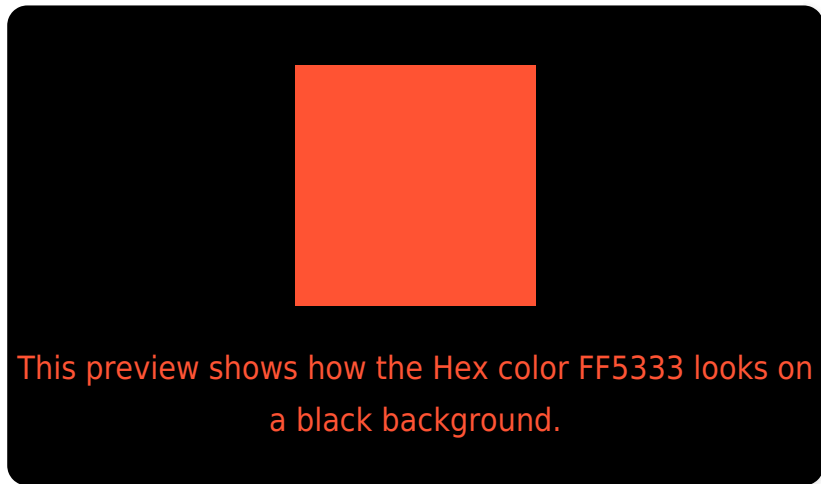
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5333 Background



This preview shows how black text looks on a background with the Hex color FF5333.

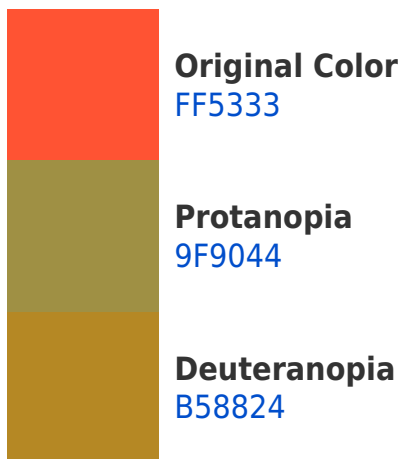


This preview shows how white text looks on a background with the Hex color FF5333.

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
FF5054

Trichromacy



Original Color
FF5333

Protanomaly
C27A3E

Deuteranomaly
D07529

Tritanomaly
FF5148

Monochromacy



Original Color
FF5333

Achromatopsia
838383

Achromatomaly
B07266

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5333 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 #FF5333 looks like.

```
.text, #text, p{  
    color:#FF5333  
}
```

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 #FF5333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5333
}
```

Border

The CSS property to change the border of an element to Hex FF5333 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".

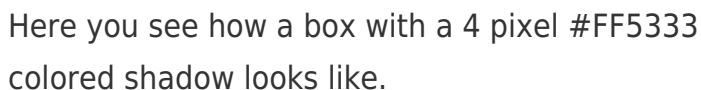
```
.border, #border, table{ border:4px solid
#FF5333 }
```

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

```
.border{ border-color:#FF5333 }
```

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

Here you see how a box with a 4 pixel #FF5333 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5333; -webkit-box-shadow:4px 4px  
4px 4px #FF5333; box-shadow:4px 4px 4px  
4px #FF5333 }
```

Background

The CSS property to change the background color of an element to Hex FF5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5333 }
```

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

```
.background{ background-color:#FF5333 }
```

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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