

# Converting Colors

Hex(FF5434)

Have a look what the booklet for  
Hex(FF5434) contains.

<b>Hex(FF5434)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F5434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5434
RGB	255, 84, 52
RGB Percent	100%, 33%, 20%
CMY	0.0000, 0.6706, 0.7961
CMYK	0.00, 0.67, 0.80, 0.00
HSL	9°, 100%, 60%
HSV	9°, 80%, 100%
XYZ	45.0302, 27.8486, 6.2508
YIQ	131.4810, 112.1880, 26.3000

# Conversions

## Conversions Part 2

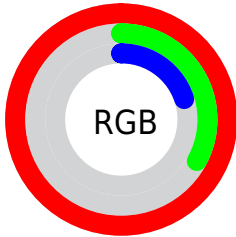
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 90, 52
Decimal	16733236
CIE <sub>Lab</sub>	59.75, 63.27, 53.45
CIE <sub>LCh</sub>	60, 82.826, 40.193
Yxy	27.8486, 0.5691, 0.3519
Android (android.graphics.Color)	4294923316 (0xFFFF5434)
YUV	131.4810, -39.1841, 108.3262
Hunter-Lab	52.7718, 59.9635, 29.9174

# Details

The Hex color **FF5434** 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 **34DFFF**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8D65**, and **BE0801** is the 20% darker color. If you saturate the color by 10%, you get **FF3F1A**, and if you desaturate by 10%, it is **FF694E**.

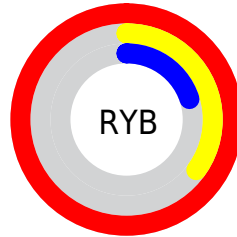
# Distribution



Red (100%)

Green (33%)

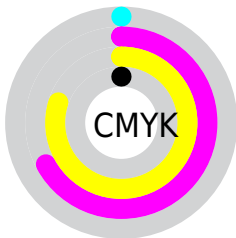
Blue (20%)



Red (100%)

Yellow (35%)

Blue (20%)

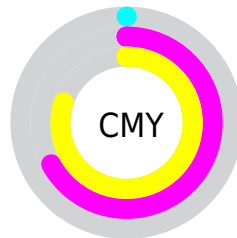


Cyan (0%)

Magenta (67%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (67%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5434 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 FF5434 by changing the saturation by 10% instead.



 FF5434

 FF5434

FFFFFF

 DE351C

 FF8D65

 BE0801

 FFAA7F

 9E0000

 FFC79A

 7E0000

 FFE5B5

 5F0000

 FFFFD1

 430003

 FFFFED

 210001

 000000

 FF5434

 FF5434

 FF3F1A

 FF694E

 FF2901

 FF7F67

 FF2800

 FF9481

 FFAA9A

 FFBFB3

 FFD5CD

 FFEAE7

FFFFFF

# Harmonies

## Analogous

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



FF317A



FF5434



D47A00

# Triad

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



FF5434



00AD5B



0091FF

# Complementary

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



FF5434



34DFFF

# 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



FF5434



00AFA8

# Square

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



FF5434



41A500



00AEED



AF6FFF

# Rectangle

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



FF5434



AD8D00



00AEED



0099FF



# Sweetspot

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



FF5434



FFCBC2



FF34E1



80605B



000000



808080



# Same Dimension

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



FF5434



FF310A



FFB834



807573



BF1E00

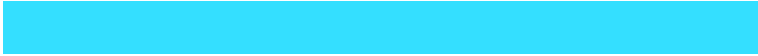


400A00



# Inverse Universe

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



34DFFF



0AD8FF



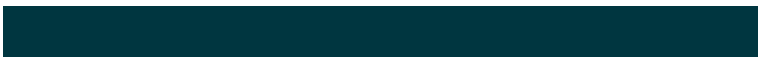
347BFF



737D80



00A1BF



003640



# Previews

## White Background



This preview shows how the Hex color FF5434 looks on a white background.

## Color Contrast Check

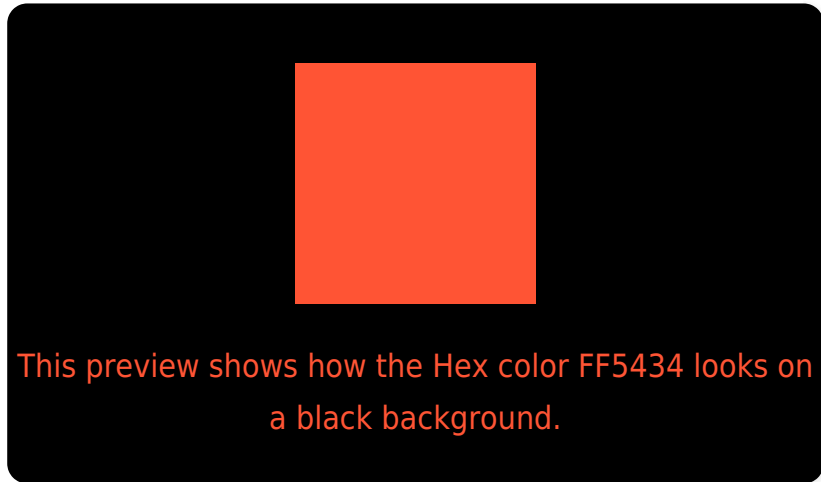
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5434 Background



This preview shows how black text looks on a background with the Hex color FF5434.



This preview shows how white text looks on a background with the Hex color FF5434.

# 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**  
FF5434

**Protanopia**  
A09045

**Deuteranopia**  
B58925



**Tritanopia**  
FF5155

# Trichromacy



**Original Color**  
FF5434

**Protanomaly**  
C37A3F

**Deuteranomaly**  
D0762A

**Tritanomaly**  
FF5249

# Monochromacy



**Original Color**  
FF5434

**Achromatopsia**  
838383

**Achromatomaly**  
B07266

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5434 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 #FF5434 looks like.

```
.text, #text, p{  
    color:#FF5434  
}
```

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 #FF5434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5434
}
```

## Border

The CSS property to change the border of an element to Hex FF5434 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
#FF5434 }
```

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

```
.border{ border-color:#FF5434 }
```

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

Here you see how a box with a 4 pixel #FF5434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5434; -webkit-box-shadow:4px 4px  
4px 4px #FF5434; box-shadow:4px 4px 4px  
4px #FF5434 }
```

# Background

The CSS property to change the background color of an element to Hex FF5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5434 }
```

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

```
.background{ background-color:#FF5434 }
```

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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