

# Converting Colors

Hex(FF5D3A)

Have a look what the booklet for  
Hex(FF5D3A) contains.

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**Color**

**Hex(F5D3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5D3A
RGB	255, 93, 58
RGB Percent	100%, 36%, 23%
CMY	0.0000, 0.6353, 0.7725
CMYK	0.00, 0.64, 0.77, 0.00
HSL	11°, 100%, 61%
HSV	11°, 77%, 100%
XYZ	45.9181, 29.3942, 7.2565
YIQ	137.4480, 107.7870, 23.4590

# Conversions

## Conversions Part 2

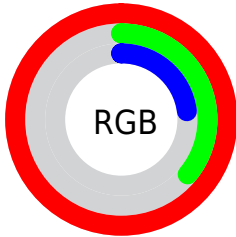
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 101, 58
Decimal	16735546
CIE <sub>Lab</sub>	61.13, 59.88, 51.89
CIE <sub>LCh</sub>	61, 79.238, 40.911
Yxy	29.3942, 0.5561, 0.3560
Android (android.graphics.Color)	4294925626 (0xFFFF5D3A)
YUV	137.4480, -39.1679, 103.0931
Hunter-Lab	54.2164, 56.3002, 30.0159

# Details

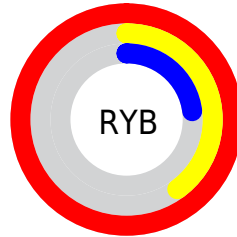
The Hex color **FF5D3A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3ADCFF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF956C**, and **BE1E08** is the 20% darker color. If you saturate the color by 10%, you get **FF4820**, and if you desaturate by 10%, it is **FF7253**.

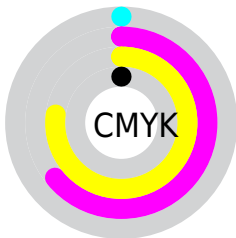
# Distribution



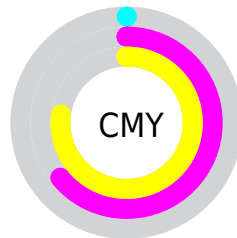
- Red (100%)
- Green (36%)
- Blue (23%)



- Red (100%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5D3A 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 FF5D3A by changing the saturation by 10% instead.



 FF5D3A

 FF5D3A

FFFFFF

 DE4022

 FF956C

 BE1E08

 FF8285

 9F0000

 FFCFA0

 7F0000

 FFECBC

 600000

 FFFFD8

 440002

 FFFFF4

 230001

 000000

 FF5D3A

 FF5D3A

■ FF4820

■ FF7253

■ FF3307

■ FF876D

■ FF2D00

■ FF9C86

■ FFB1A0

■ FFC6B9

■ FFDBD3

■ FFF0EC

FFFFFF

# Harmonies

## Analogous

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



FF407D



FF5D3A



D57F00

# Triad

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



FF5D3A



00B063



0094FF

# Complementary

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



FF5D3A



3ADCFF

# 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.



00A8FF



FF5D3A



00B3AC

# Square

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



FF5D3A



49A811



00B1EE



B574FF

# Rectangle

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



FF5D3A



B09100



00B1EE



009CFF



# Sweetspot

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



FF5D3A



FFCFC4



FF3ADE



80625C



000000



808080



# Same Dimension

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



FF5D3A



FF3C12



FFBD3A



807573



BF2200

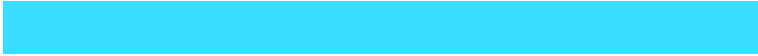


400B00



# Inverse Universe

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



3ADCFF



12D5FF



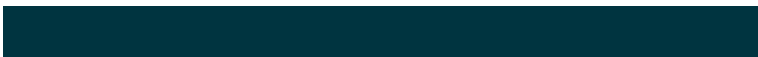
3A7CFF



737D80



009DBF



003440



# Previews

## White Background



This preview shows how the Hex color FF5D3A looks on a white background.

## Color Contrast Check

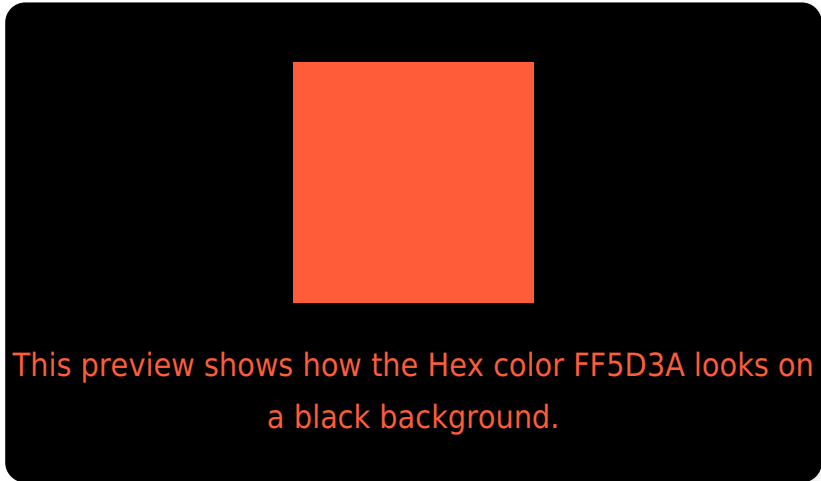
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5D3A Background



This preview shows how black text looks on a background with the Hex color FF5D3A.



This preview shows how white text looks on a background with the Hex color FF5D3A.

# 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**  
FF5D3A

**Protanopia**  
A3944A

**Deuteranopia**  
B98C2E



**Tritanopia**  
FF5A5F

# Trichromacy



**Original Color**  
FF5D3A

**Protanomaly**  
C48044

**Deuteranomaly**  
D27B32

**Tritanomaly**  
FF5B52

# Monochromacy



**Original Color**  
FF5D3A

**Achromatopsia**  
898989

**Achromatomaly**  
B4796C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5D3A 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 #FF5D3A looks like.

```
.text, #text, p{  
    color:#FF5D3A  
}
```

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 #FF5D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5D3A
}
```

## Border

The CSS property to change the border of an element to Hex FF5D3A 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
#FF5D3A }
```

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

```
.border{ border-color:#FF5D3A }
```

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

Here you see how a box with a 4 pixel #FF5D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5D3A; -webkit-box-shadow:4px 4px  
4px 4px #FF5D3A; box-shadow:4px 4px 4px  
4px #FF5D3A }
```

# Background

The CSS property to change the background color of an element to Hex FF5D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5D3A }
```

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

```
.background{ background-color:#FF5D3A }
```

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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