

# Converting Colors

Hex(FF5E47)

Have a look what the booklet for  
Hex(FF5E47) contains.

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# Color

**Hex(F5E47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5E47
RGB	255, 94, 71
RGB Percent	100%, 37%, 28%
CMY	0.0000, 0.6314, 0.7216
CMYK	0.00, 0.63, 0.72, 0.00
HSL	8°, 100%, 64%
HSV	8°, 72%, 100%
XYZ	46.3800, 29.7203, 9.2533
YIQ	139.5170, 103.3390, 26.9790

# Conversions

## Conversions Part 2

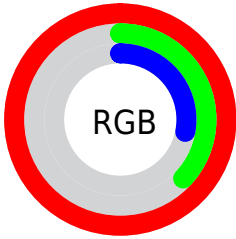
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 97, 71
Decimal	16735815
CIELab	61.41, 59.97, 45.54
CIELCh	61, 75.299, 37.212
Yxy	29.7203, 0.5434, 0.3482
Android (android.graphics.Color)	4294925895 (0xFFFF5E47)
YUV	139.5170, -33.7789, 101.2786
Hunter-Lab	54.5164, 56.4560, 28.0979

# Details

The Hex color **FF5E47** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **47E8FF**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9679**, and **BF2019** is the 20% darker color. If you saturate the color by 10%, you get **FF482E**, and if you desaturate by 10%, it is **FF7461**.

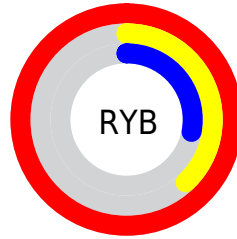
# Distribution



Red (100%)

Green (37%)

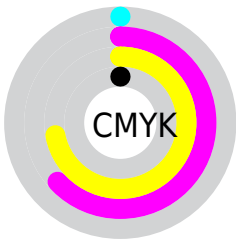
Blue (28%)



Red (100%)

Yellow (38%)

Blue (28%)

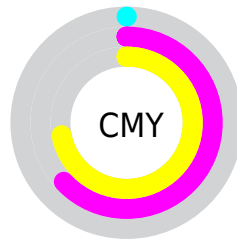


Cyan (0%)

Magenta (63%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5E47 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 FF5E47 by changing the saturation by 10% instead.



 FF5E47

 FF5E47

FFFFFF

 DF4130

 FF9679

 BF2019

 FFB393

 9F0001

 FFD0AE

 800000

 FFEDC9

 610000

 FFFFE5

 440002

 250001

 000000

 FF5E47

 FF5E47

 FF482E

 FF7461

 FF3114

 FF8B7A

 FF2000

 FFA193

 FFB7AD

 FFCEC7

 FFE4E0

 FFFAFA

FFFFFF

# Harmonies

## Analogous

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



FF4987



FF5E47



DA7E00

# Triad

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



FF5E47



00AF5D



0097FF

# Complementary

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



FF5E47



47E8FF

# 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.



00A9FF



FF5E47



00B2A3

# Square

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



FF5E47



5BA613



00B1E4



A97BFF

# Rectangle

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



FF5E47



B78F00



00B1E4



009EFF



# Sweetspot

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



FF5E47



FFCEC7



FF47EA



80625E



000000



808080



# Same Dimension

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



FF5E47



FF3D21



FFB847



807473



BF1800

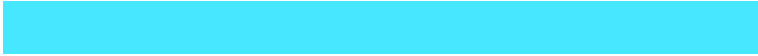


400800



# Inverse Universe

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



47E8FF



21E3FF



478EFF



737E80



00A7BF



003840



# Previews

## White Background



This preview shows how the Hex color FF5E47 looks on a white background.

## Color Contrast Check

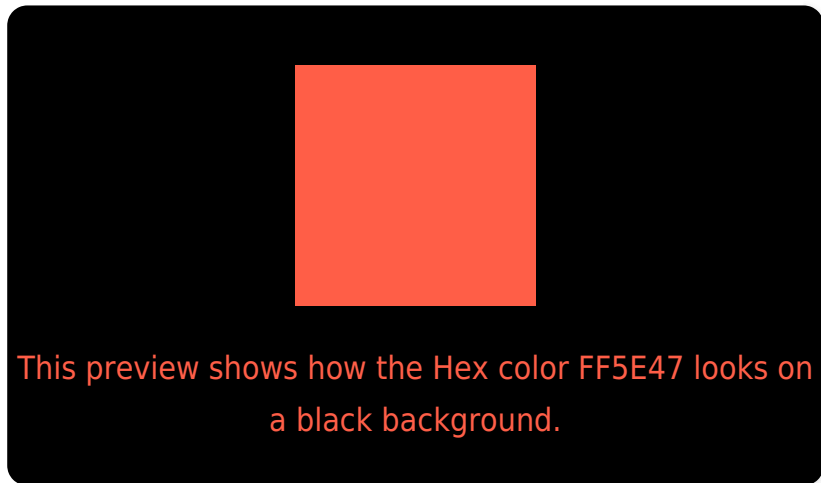
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5E47 Background



This preview shows how black text looks on a background with the Hex color FF5E47.

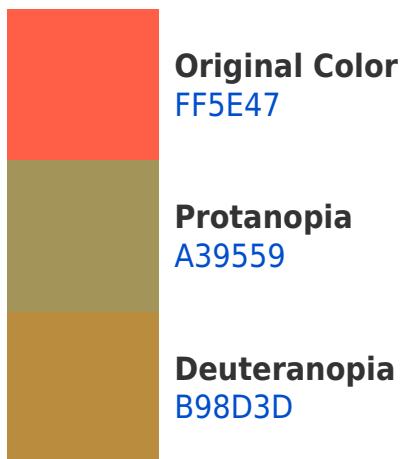


This preview shows how white text looks on a background with the Hex color FF5E47.

# 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**  
FF5C61

# Trichromacy



**Original Color**  
FF5E47

**Protanomaly**  
C48152

**Deuteranomaly**  
D27C41

**Tritanomaly**  
FF5D58

# Monochromacy



**Original Color**  
FF5E47

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
B67B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5E47 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 #FF5E47 looks like.

```
.text, #text, p{  
    color:#FF5E47  
}
```

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 #FF5E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5E47
}
```

## Border

The CSS property to change the border of an element to Hex FF5E47 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
#FF5E47 }
```

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

```
.border{ border-color:#FF5E47 }
```

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

Here you see how a box with a 4 pixel #FF5E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5E47; -webkit-box-shadow:4px 4px  
4px 4px #FF5E47; box-shadow:4px 4px 4px  
4px #FF5E47 }
```

# Background

The CSS property to change the background color of an element to Hex FF5E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5E47 }
```

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

```
.background{ background-color:#FF5E47 }
```

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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