

Converting Colors

Hex(FF5A48)

Have a look what the booklet for
Hex(FF5A48) contains.

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Color

Hex(F5A48)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A48
RGB	255, 90, 72
RGB Percent	100%, 35%, 28%
CMY	0.0000, 0.6471, 0.7176
CMYK	0.00, 0.65, 0.72, 0.00
HSL	6°, 100%, 64%
HSV	6°, 72%, 100%
XYZ	46.0659, 29.0402, 9.3083
YIQ	137.2830, 104.1180, 29.3820

Conversions

Conversions Part 2

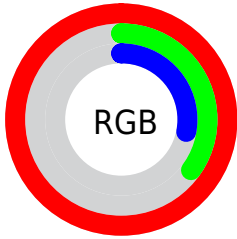
Format	Color
R_{YB}	255, 92, 72
Decimal	16734792
CIE _{Lab}	60.82, 61.64, 44.34
CIE _{LCh}	61, 75.932, 35.727
Yxy	29.0402, 0.5457, 0.3440
Android (android.graphics.Color)	4294924872 (0xFFFF5A48)
YUV	137.2830, -32.1845, 103.2378
Hunter-Lab	53.8890, 58.2813, 27.4811

Details

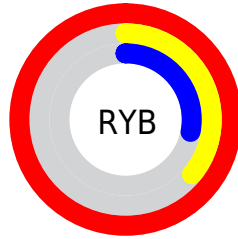
The Hex color **FF5A48** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **48EDFF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF937A**, and **BF181A** is the 20% darker color. If you saturate the color by 10%, you get **FF432F**, and if you desaturate by 10%, it is **FF7162**.

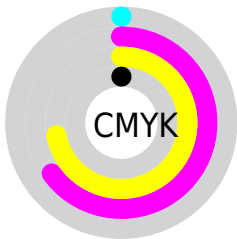
Distribution



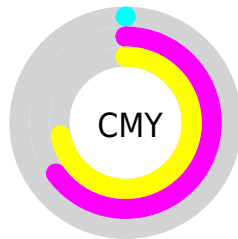
- Red (100%)
- Green (35%)
- Blue (28%)



- Red (100%)
- Yellow (36%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF5A48 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 FF5A48 by changing the saturation by 10% instead.

 FF5A48

 FF5A48

FFFFFF

 DF3C31

 FF937A

 BF181A

 FFB094

 9F0003

 FFCDAE

 800000

 FFEACA

 600000

 FFFFEE

 440003

 240001

 000000

 FF5A48

 FF5A48

■ FF432F

■ FF7162

■ FF2C15

■ FF887B

■ FF1900

■ FF9F94

■ FFB6AE

■ FFCDC8

■ FFE4E1

■ FFFBFB

FFFFFF

Harmonies

Analogous

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



FF4589



FF5A48



DB7A00

Triad

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



FF5A48



00AD58



0097FF

Complementary

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



FF5A48



48EDFF

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



FF5A48



00B19E

Square

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



FF5A48



5DA406



00B0E0



A27AFF

Rectangle

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



FF5A48



B98D00



00B0E0



009EFF

Sweetspot

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



FF5A48



FFCC7



FF48F0



80625E



000000



808080

Same Dimension

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



FF5A48



FF3924



FFB348



807473



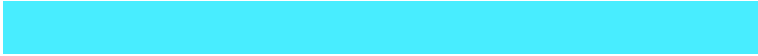
BF1300



400600

Inverse Universe

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



48EDFF



24E9FF



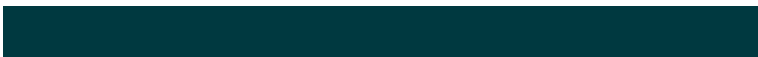
4894FF



737E80



00ACBF



003940

Previews

White Background



This preview shows how the Hex color FF5A48 looks on a white background.

Color Contrast Check

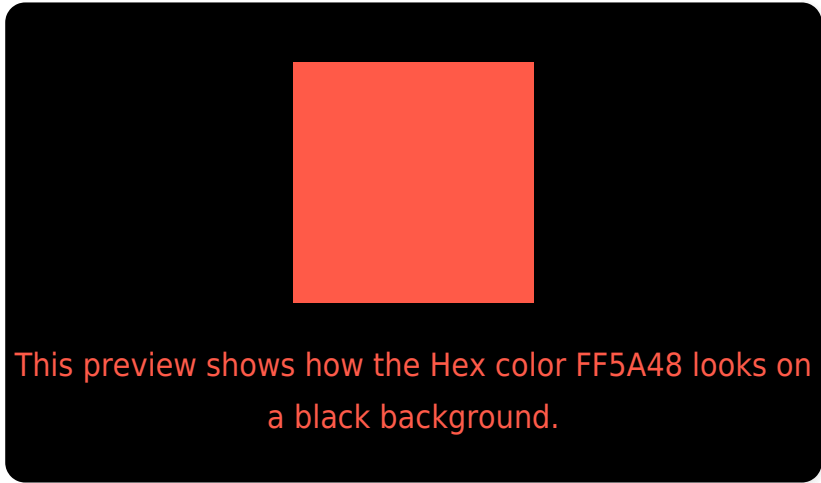
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5A48 Background



This preview shows how black text looks on a background with the Hex color FF5A48.

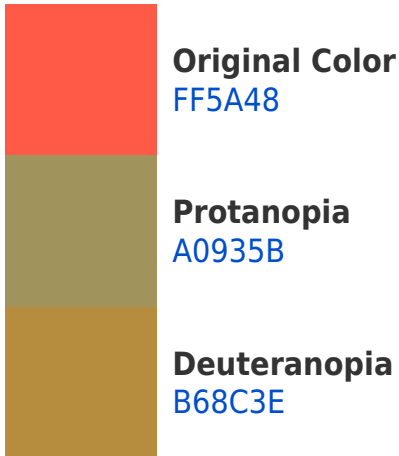


This preview shows how white text looks on a background with the Hex color FF5A48.

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
FF585D

Trichromacy



Original Color
FF5A48

Protanomaly
C37E54

Deuteranomaly
D17A42

Tritanomaly
FF5955

Monochromacy



Original Color
FF5A48

Achromatopsia
898989

Achromatomaly
B47871

CSS Examples

Text

The CSS property to change the color of the text to Hex FF5A48 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 #FF5A48 looks like.

```
.text, #text, p{  
    color:#FF5A48  
}
```

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 #FF5A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5A48
}
```

Border

The CSS property to change the border of an element to Hex FF5A48 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
#FF5A48 }
```

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

```
.border{ border-color:#FF5A48 }
```

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

Here you see how a box with a 4 pixel #FF5A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5A48; -webkit-box-shadow:4px 4px  
4px 4px #FF5A48; box-shadow:4px 4px 4px  
4px #FF5A48 }
```

Background

The CSS property to change the background color of an element to Hex FF5A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5A48 }
```

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

```
.background{ background-color:#FF5A48 }
```

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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