

Converting Colors

Hex(FF563F)

Have a look what the booklet for
Hex(FF563F) contains.

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Color

Hex(F563F)

Conversions

Conversions Part 1

Format	Color
Hex	FF563F
RGB	255, 86, 63
RGB Percent	100%, 34%, 25%
CMY	0.0000, 0.6627, 0.7529
CMYK	0.00, 0.66, 0.75, 0.00
HSL	7°, 100%, 62%
HSV	7°, 75%, 100%
XYZ	45.4650, 28.2745, 7.7639
YIQ	133.9090, 108.1070, 28.6750

Conversions

Conversions Part 2

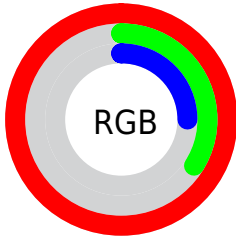
Format	Color
R_{YB}	255, 89, 63
Decimal	16733759
CIE _{Lab}	60.14, 62.86, 48.33
CIE _{LCh}	60, 79.297, 37.556
Yxy	28.2745, 0.5578, 0.3469
Android (android.graphics.Color)	4294923839 (0xFFFF563F)
YUV	133.9090, -34.9581, 106.1968
Hunter-Lab	53.1737, 59.5683, 28.5647

Details

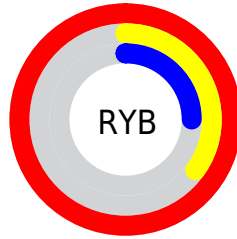
The Hex color **FF563F** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3FE8FF**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF8F70**, and **BE0E10** is the 20% darker color. If you saturate the color by 10%, you get **FF4025**, and if you desaturate by 10%, it is **FF6C59**.

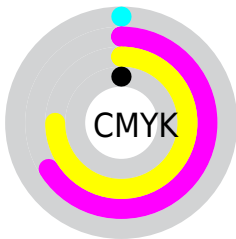
Distribution



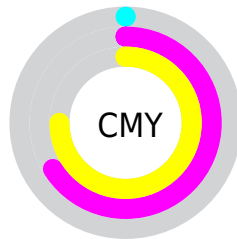
- Red (100%)
- Green (34%)
- Blue (25%)



- Red (100%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF563F 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 FF563F by changing the saturation by 10% instead.

 FF563F

 FF563F

FFFFFF

 DE3828

 FF8F70

 BE0E10

 FFAC8A

 9E0000

 FFC9A5

 7F0000

 FFE6C0

 5F0000

 FFFFDC

 440003

 FFFFF9

 220001

 000000

 FF563F

 FF563F

■ FF4025

■ FF6C59

■ FF290C

■ FF8372

■ FF1F00

■ FF998C

■ FFB0A5

■ FFC6BF

■ FFDDD8

■ FFF3F2

FFFFFF

Harmonies

Analogous

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



FF3B82



FF563F



D87900

Triad

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



FF563F



00AC58



0094FF

Complementary

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



FF563F



3FE8FF

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.



00A7FF



FF563F



00B0A1

Square

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



FF563F



52A400



00AEE5



A775FF

Rectangle

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



FF563F



B48C00



00AEE5



009CFF

Sweetspot

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



FF563F



FFCBC4



FF3FE9



80605C



000000



808080

Same Dimension

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



FF563F



FF3519



FFB53F



807473



BF1700



400800

Inverse Universe

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



3FE8FF



19E4FF



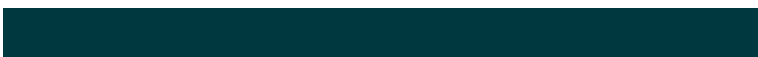
3F89FF



737E80



00A8BF



003840

Previews

White Background



This preview shows how the Hex color FF563F looks on a white background.

Color Contrast Check

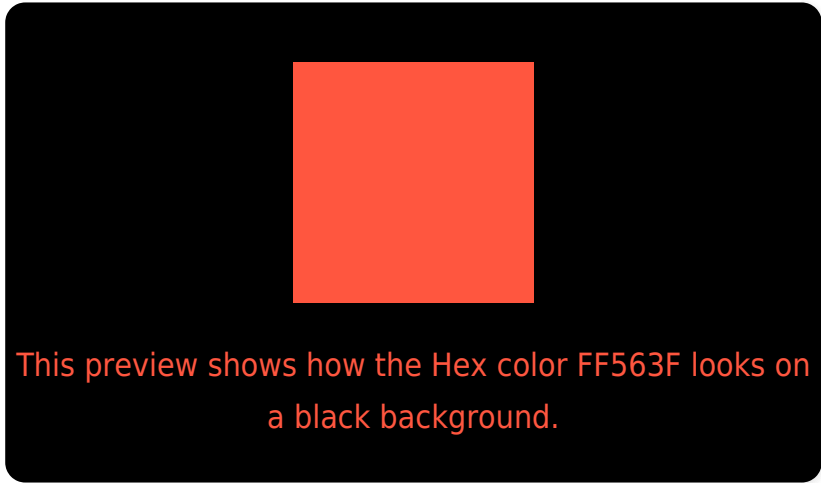
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF563F Background



This preview shows how black text looks on a background with the Hex color FF563F.

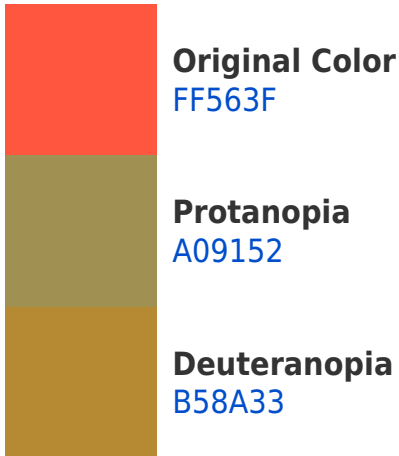


This preview shows how white text looks on a background with the Hex color FF563F.

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
FF5458

Trichromacy



Original Color
FF563F

Protanomaly
C37C4B

Deuteranomaly
D07737

Tritanomaly
FF554F

Monochromacy



Original Color
FF563F

Achromatopsia
868686

Achromatomaly
B2756C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF563F 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 #FF563F looks like.

```
.text, #text, p{  
    color:#FF563F  
}
```

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 #FF563F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF563F
}
```

Border

The CSS property to change the border of an element to Hex FF563F is called "border". The border property can be set on classes, ids or directly on the HTML element.

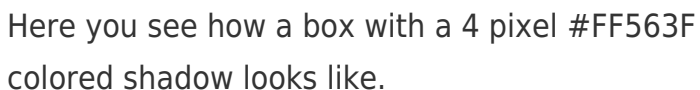
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF563F }
```

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

```
.border{ border-color:#FF563F }
```

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



Here you see how a box with a 4 pixel #FF563F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF563F; -webkit-box-shadow:4px 4px  
4px 4px #FF563F; box-shadow:4px 4px 4px  
4px #FF563F }
```

Background

The CSS property to change the background color of an element to Hex FF563F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF563F }
```

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

```
.background{ background-color:#FF563F }
```

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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