

# Converting Colors

Hex(FC503A)

Have a look what the booklet for  
Hex(FC503A) contains.

<b>Hex(FC503A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FC503A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC503A
RGB	252, 80, 58
RGB Percent	99%, 31%, 23%
CMY	0.0118, 0.6863, 0.7725
CMYK	0.00, 0.68, 0.77, 0.01
HSL	7°, 97%, 61%
HSV	7°, 77%, 99%
XYZ	43.7773, 26.7383, 6.8567
YIQ	128.9200, 109.5740, 29.6220

# Conversions

## Conversions Part 2

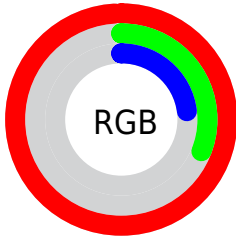
Format	Color
<b>R<sub>YB</sub></b>	252, 83, 58
Decimal	16535610
CIE Lab	58.73, 64.02, 49.28
CIE LCh	59, 80.787, 37.587
Yxy	26.7383, 0.5658, 0.3456
Android (android.graphics.Color)	4294725690 (0xFFFC503A)
YUV	128.9200, -34.9636, 107.9412
Hunter-Lab	51.7090, 60.6286, 28.3344

# Details

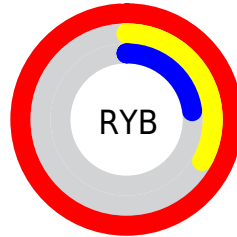
The Hex color **FC503A** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3AE6FC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF8A6B**, and **BB000A** is the 20% darker color. If you saturate the color by 10%, you get **FC3A21**, and if you desaturate by 10%, it is **FC6653**.

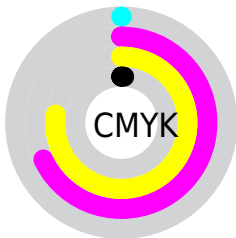
# Distribution



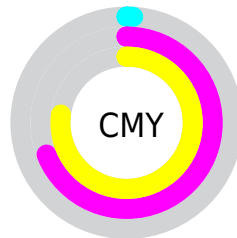
- Red (99%)
- Green (31%)
- Blue (23%)



- Red (99%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (68%)
- Yellow (77%)
- Black (1%)



- Cyan (1%)
- Magenta (69%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC503A 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 FC503A by changing the saturation by 10% instead.



 FC503A

 FC503A

FFFFFF

 DB3023

 FF8A6B

 BB000A

 FFA785

 9B0000

 FFC49F

 7B0000

 FFE1BB

 5C0000

 FFFFD6

 400003

 FFFFF3

 1D0001

 000000

 FC503A

 FC503A

 FC3A21

 FC6653

 FC2308

 FC7D6C

 FC1D00

 FC9386

 FCA99F

 FCC0B8

 FCD6D1

 FCECEA

 FCFFFF

# Harmonies

## Analogous

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



FF327F



FC503A



D47500

# Triad

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



FC503A



00A953



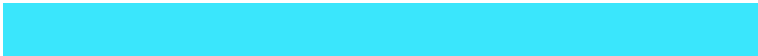
0091FF

# Complementary

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



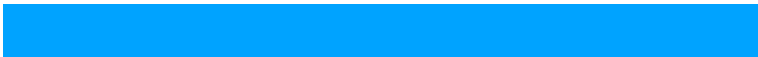
FC503A



3AE6FC

# 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.



00A3FF



FC503A



00AC9E

# Square

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



FC503A



4BA000



00ABE3



A371FF

# Rectangle

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



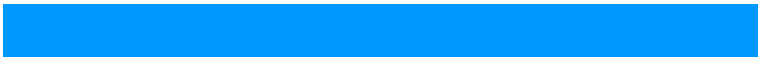
FC503A



AF8800



00ABE3



0098FF



# Sweetspot

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



FC503A



FFCBC4



FC3AE9



80605C



000000



808080



# Same Dimension

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



FC503A



FF2F14



FCAE3A



7D7270



BD1500



3D0700



# Inverse Universe

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



3AE6FC



14E4FF



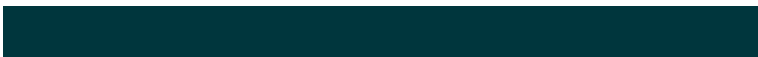
3A88FC



707C7D



00A7BD



00363D



# Previews

## White Background



This preview shows how the Hex color FC503A looks on a white background.

## Color Contrast Check

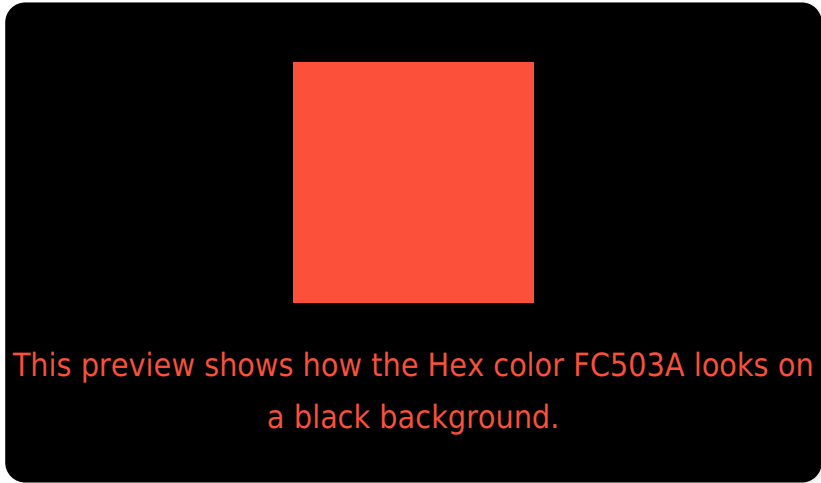
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC503A Background



This preview shows how black text looks on a background with the Hex color FC503A.



This preview shows how white text looks on a background with the Hex color FC503A.

# 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**  
FC503A

**Protanopia**  
9C8E4D

**Deuteranopia**  
B1862D



**Tritanopia**  
FD4D51

# Trichromacy



**Original Color**  
FC503A

**Protanomaly**  
BF7746

**Deuteranomaly**  
CC7232

**Tritanomaly**  
FD4E49

# Monochromacy



**Original Color**  
FC503A

**Achromatopsia**  
818181

**Achromatomaly**  
AE6F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC503A 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 #FC503A looks like.

```
.text, #text, p{  
    color:#FC503A  
}
```

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 #FC503A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC503A
}
```

## Border

The CSS property to change the border of an element to Hex FC503A 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
#FC503A }
```

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

```
.border{ border-color:#FC503A }
```

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

Here you see how a box with a 4 pixel #FC503A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC503A; -webkit-box-shadow:4px 4px  
4px 4px #FC503A; box-shadow:4px 4px 4px  
4px #FC503A }
```

# Background

The CSS property to change the background color of an element to Hex FC503A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC503A }
```

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

```
.background{ background-color:#FC503A }
```

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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