

Converting Colors

Hex(FB5839)

Have a look what the booklet for
Hex(FB5839) contains.

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Color

Hex(FB5839)

Conversions

Conversions Part 1

Format	Color
Hex	FB5839
RGB	251, 88, 57
RGB Percent	98%, 35%, 22%
CMY	0.0157, 0.6549, 0.7765
CMYK	0.00, 0.65, 0.77, 0.02
HSL	10°, 96%, 60%
HSV	10°, 77%, 98%
XYZ	44.0119, 27.7841, 6.9141
YIQ	133.2030, 107.0990, 24.9150

Conversions

Conversions Part 2

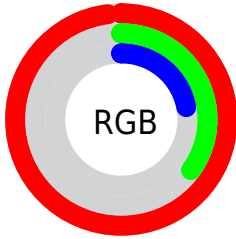
Format	Color
R_{YB}	251, 94, 57
Decimal	16472121
CIE Lab	59.69, 60.56, 50.71
CIE LCh	60, 78.991, 39.943
Yxy	27.7841, 0.5592, 0.3530
Android (android.graphics.Color)	4294662201 (0xFFFB5839)
YUV	133.2030, -37.5681, 103.3080
Hunter-Lab	52.7106, 56.7990, 29.1203

Details

The Hex color **FB5839** 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 **39DCFB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF916A**, and **BA1608** is the 20% darker color. If you saturate the color by 10%, you get **FB4320**, and if you desaturate by 10%, it is **FB6D52**.

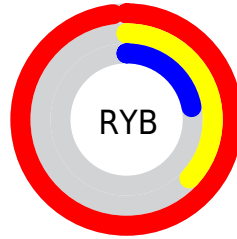
Distribution



Red (98%)

Green (35%)

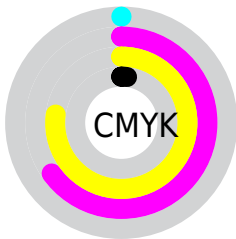
Blue (22%)



Red (98%)

Yellow (37%)

Blue (22%)

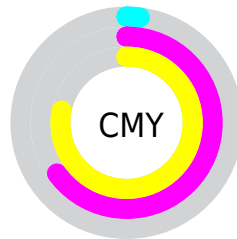


Cyan (0%)

Magenta (65%)

Yellow (77%)

Black (2%)



Cyan (2%)

Magenta (65%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB5839 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 FB5839 by changing the saturation by 10% instead.

 FB5839

 FB5839

FFFFFF

 DB3A21

 FF916A

 BA1608

 FFAD84

 9B0000

 FFCA9F

 7B0000

 FFE7BA

 5C0000

 FFFFD6

 400003

 FFFFF3

 1E0001

 000000

 FB5839

 FB5839

 FB4320

 FB6D52

 FB2E07

 FB826B

 FB2800

 FB9784

 FBAC9D

 FBC1B7

 FBD7D0

 FBECE9

 FBFFFF

Harmonies

Analogous

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



FF3B7C



FB5839



D27B00

Triad

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



FB5839



00AB5D



0091FF

Complementary

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



FB5839



39DCFB

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.



00A4FF



FB5839



00AEA6

Square

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



FB5839



48A405



00ADE8



AD71FC

Rectangle

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



FB5839



AD8D00



00ADE8



0099FF

Sweetspot

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



FB5839



FFCEC4



FB39DE



80625C



000000



808080

Same Dimension

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



FB5839



FF3812



FBB739



7D7270



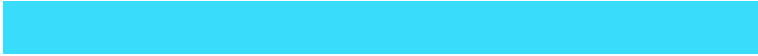
BD1E00



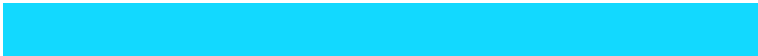
3D0A00

Inverse Universe

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



39DCFB



12D9FF



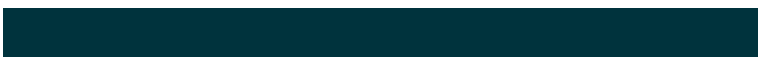
397DFB



707B7D



009FBD



00333D

Previews

White Background



This preview shows how the Hex color FB5839 looks on a white background.

Color Contrast Check

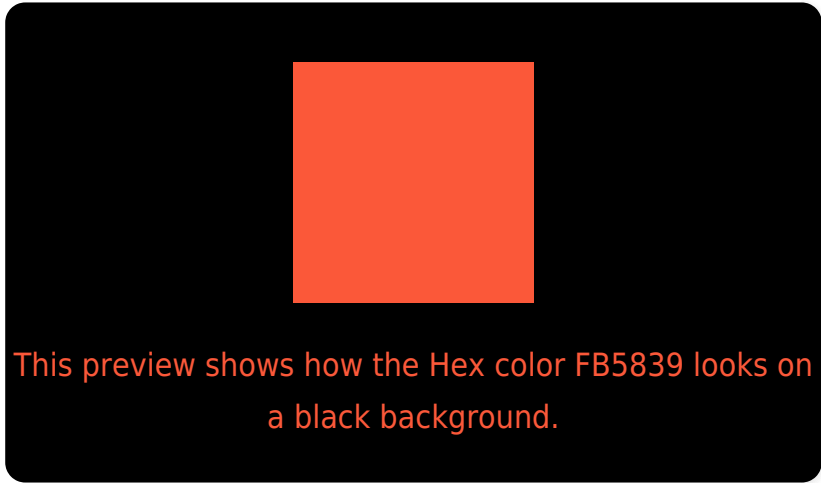
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB5839 Background



This preview shows how black text looks on a background with the Hex color FB5839.



This preview shows how white text looks on a background with the Hex color FB5839.

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

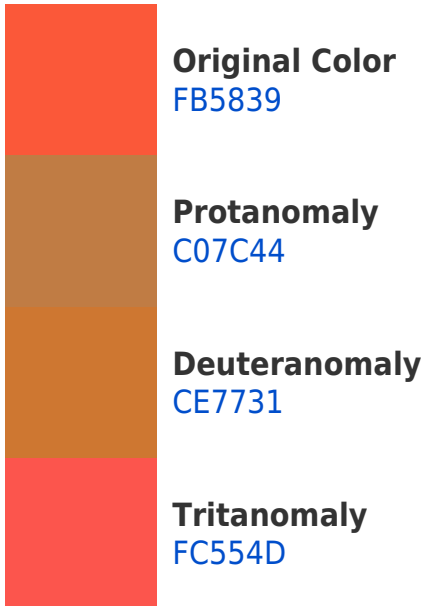


Original Color
FB5839

Protanopia
9F904A

Deuteranopia
B5892D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FB5839 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 #FB5839 looks like.

```
.text, #text, p{  
    color:#FB5839  
}
```

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 #FB5839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5839
}
```

Border

The CSS property to change the border of an element to Hex FB5839 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
#FB5839 }
```

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

```
.border{ border-color:#FB5839 }
```

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

Here you see how a box with a 4 pixel #FB5839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5839; -webkit-box-shadow:4px 4px  
4px 4px #FB5839; box-shadow:4px 4px 4px  
4px #FB5839 }
```

Background

The CSS property to change the background color of an element to Hex FB5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5839 }
```

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

```
.background{ background-color:#FB5839 }
```

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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