

# Converting Colors

Hex(FB571F)

Have a look what the booklet for  
Hex(FB571F) contains.

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**Color**

**Hex(FB571F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB571F
RGB	251, 87, 31
RGB Percent	98%, 34%, 12%
CMY	0.0157, 0.6588, 0.8784
CMYK	0.00, 0.65, 0.88, 0.02
HSL	15°, 96%, 55%
HSV	15°, 88%, 98%
XYZ	43.4392, 27.4245, 4.3003
YIQ	129.6520, 115.7200, 17.3520

# Conversions

## Conversions Part 2

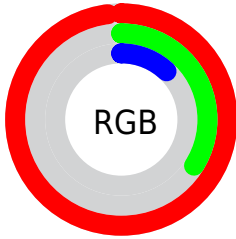
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 106, 31
Decimal	16471839
CIE <sub>Lab</sub>	59.37, 60.29, 61.83
CIE <sub>LCh</sub>	59, 86.358, 45.723
Yxy	27.4245, 0.5779, 0.3649
Android (android.graphics.Color)	4294661919 (0xFFFB571F)
YUV	129.6520, -48.6354, 106.4222
Hunter-Lab	52.3685, 56.4194, 31.7893

# Details

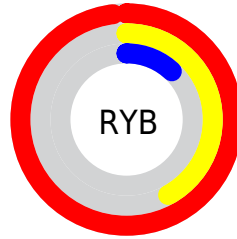
The Hex color **FB571F** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1FC3FB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9053**, and **BA1500** is the 20% darker color. If you saturate the color by 10%, you get **FB4406**, and if you desaturate by 10%, it is **FB6A38**.

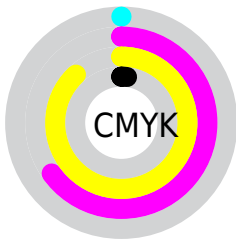
# Distribution



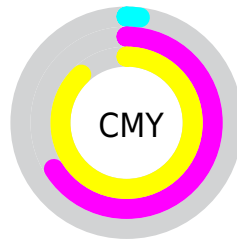
- Red (98%)
- Green (34%)
- Blue (12%)



- Red (98%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (65%)
- Yellow (88%)
- Black (2%)



- Cyan (2%)
- Magenta (66%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB571F 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 FB571F by changing the saturation by 10% instead.



 FB571F

 FB571F

FFFFFF

 DA3900

 FF9053

 BA1500

 FFAC6D

 990000

 FFC987

 7A0000

 FFE6A2

 5B0000

 FFFFBE

 3F0003

 FFFFDA

 1C0001

 FFFFF7

 000000

 FB571F

 FB571F

 FB4406

 FB6A38

 FB4000

 FB7C51

 FB8F6A

 FBA283

 FBB59D

 FBC7B6

 FBDACF

 FBEDE8

 FBFFFF

# Harmonies

## Analogous

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



FF286B



FB571F



CA7E00

# Triad

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



FB571F



00AD67



008BFF

# Complementary

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



FB571F



1FC3FB

# 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.



00A2FF



FB571F



00AFB6

# Square

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



FB571F



0DA601



00ADFB



C164FA

# Rectangle

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



FB571F



A09100



00ADFB



0094FF



# Sweetspot

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



FB571F



FFCEBD



FB1FC4



806258



000000



808080



# Same Dimension

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



FB571F



FF4100



FBC41F



7D7470



BD3000



3D1000



# Inverse Universe

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



1FC3FB



00BEFF



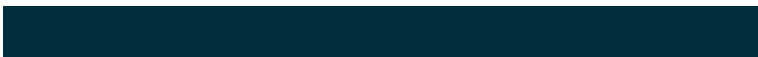
1F56FB



707A7D



008DBD



002E3D



# Previews

## White Background



This preview shows how the Hex color FB571F looks on a white background.

## Color Contrast Check

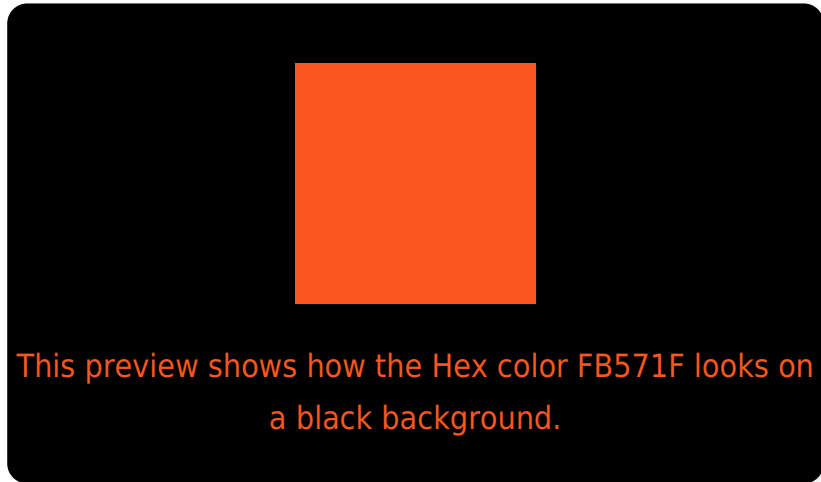
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB571F Background



This preview shows how black text looks on a background with the Hex color FB571F.

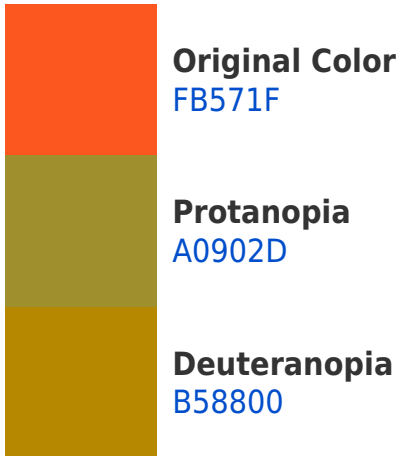


This preview shows how white text looks on a background with the Hex color FB571F.

# 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





# Trichromacy



**Original Color**  
FB571F

**Protanomaly**  
C17B28

**Deuteranomaly**  
CE760B

**Tritanomaly**  
FC5442

# Monochromacy



**Original Color**  
FB571F

**Achromatopsia**  
828282

**Achromatomaly**  
AE725E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB571F 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 #FB571F looks like.

```
.text, #text, p{  
    color:#FB571F  
}
```

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 #FB571F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB571F
}
```

## Border

The CSS property to change the border of an element to Hex FB571F 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".

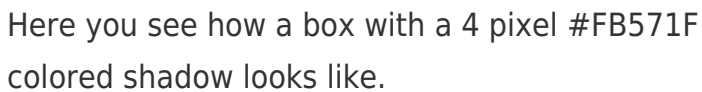
```
.border, #border, table{ border:4px solid
#FB571F }
```

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

```
.border{ border-color:#FB571F }
```

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

Here you see how a box with a 4 pixel #FB571F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB571F; -webkit-box-shadow:4px 4px  
4px 4px #FB571F; box-shadow:4px 4px 4px  
4px #FB571F }
```

# Background

The CSS property to change the background color of an element to Hex FB571F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB571F }
```

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

```
.background{ background-color:#FB571F }
```

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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