

# Converting Colors

Hex(FB511A)

Have a look what the booklet for  
Hex(FB511A) contains.

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**Color**

**Hex(FB511A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB511A
RGB	251, 81, 26
RGB Percent	98%, 32%, 10%
CMY	0.0157, 0.6824, 0.8980
CMYK	0.00, 0.68, 0.90, 0.02
HSL	15°, 97%, 54%
HSV	15°, 90%, 98%
XYZ	42.9125, 26.4687, 3.8245
YIQ	125.5600, 118.9750, 18.9350

# Conversions

## Conversions Part 2

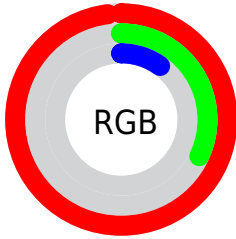
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 99, 26
Decimal	16470298
CIE <sub>Lab</sub>	58.48, 62.55, 62.91
CIE <sub>LCh</sub>	58, 88.713, 45.168
Yxy	26.4687, 0.5862, 0.3616
Android (android.graphics.Color)	4294660378 (0xFFFB511A)
YUV	125.5600, -49.0831, 110.0109
Hunter-Lab	51.4477, 58.8534, 31.6059

# Details

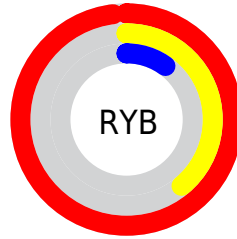
The Hex color **FB511A** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1AC4FB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF8A4F**, and **B90200** is the 20% darker color. If you saturate the color by 10%, you get **FB3E01**, and if you desaturate by 10%, it is **FB6433**.

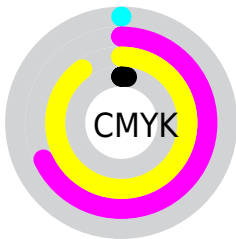
# Distribution



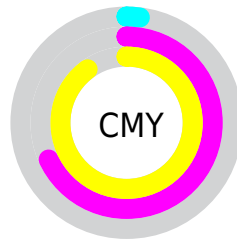
- Red (98%)
- Green (32%)
- Blue (10%)



- Red (98%)
- Yellow (39%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (90%)
- Black (2%)



- Cyan (2%)
- Magenta (68%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB511A 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 FB511A by changing the saturation by 10% instead.



 FB511A

 FB511A

FFFFFF

 DA3200

 FF8A4F

 B90200

 FFA768

 990000

 FFC483

 790000

 FFE19E

 5A0000

 FFFFB9

 3E0003

 FFFFD6

 1A0001

 FFFFF3

 000000

 FB511A

 FB511A

 FB3E01

 FB6433

 FB3D00

 FB774C

 FB8A65

 FB9D7E

 FBB097

 FBC3B1

 FBD6CA

 FBE9E3

 FBFCFC

# Harmonies

## Analogous

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



FF1569



FB511A



CA7B00

# Triad

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



FB511A



00AB62



0089FF

# Complementary

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



FB511A



1AC4FB

# 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.



00A1FF



FB511A



00ADB3

# Square

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



FB511A



00A400



00ABFB



BE61FC

# Rectangle

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



FB511A



9F8E00



00ABFB



0093FF



# Sweetspot

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



FB511A



FFCBBA



FB1AC6



806157



000000



808080



# Same Dimension

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



FB511A



FF3E00



FBBF1A



7D7470



BD2E00



3D0F00



# Inverse Universe

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



1AC4FB



00C1FF



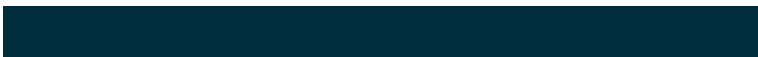
1A56FB



707A7D



008FBD



002E3D



# Previews

## White Background



This preview shows how the Hex color FB511A looks on a white background.

## Color Contrast Check

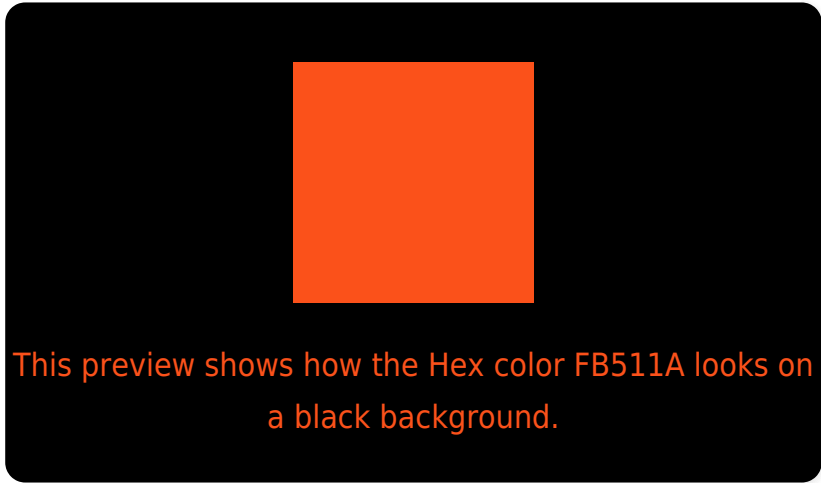
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB511A Background



This preview shows how black text looks on a background with the Hex color FB511A.



This preview shows how white text looks on a background with the Hex color FB511A.

# 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



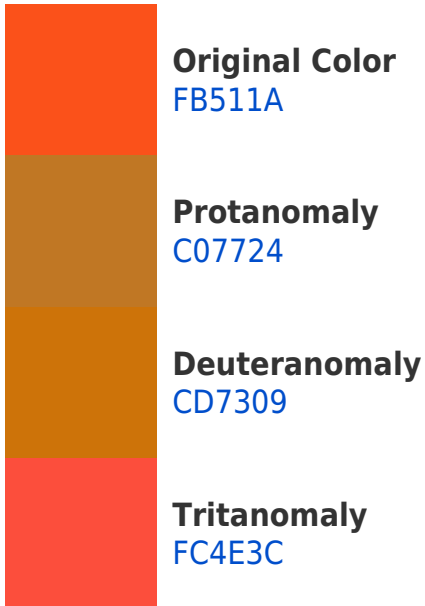
**Original Color**  
FB511A

**Protanopia**  
9E8D29

**Deuteranopia**  
B28600



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB511A 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 #FB511A looks like.

```
.text, #text, p{  
    color:#FB511A  
}
```

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 #FB511A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB511A
}
```

## Border

The CSS property to change the border of an element to Hex FB511A 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
#FB511A }
```

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

```
.border{ border-color:#FB511A }
```

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

Here you see how a box with a 4 pixel #FB511A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB511A; -webkit-box-shadow:4px 4px  
4px 4px #FB511A; box-shadow:4px 4px 4px  
4px #FB511A }
```

# Background

The CSS property to change the background color of an element to Hex FB511A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB511A }
```

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

```
.background{ background-color:#FB511A }
```

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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