

# Converting Colors

Hex(FB4C47)

Have a look what the booklet for  
Hex(FB4C47) contains.

<b>Hex(FB4C47)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(FB4C47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB4C47
RGB	251, 76, 71
RGB Percent	98%, 30%, 28%
CMY	0.0157, 0.7020, 0.7216
CMYK	0.00, 0.70, 0.72, 0.02
HSL	2°, 96%, 63%
HSV	2°, 72%, 98%
XYZ	43.5054, 26.1330, 8.7124
YIQ	127.7550, 105.9050, 35.5450

# Conversions

## Conversions Part 2

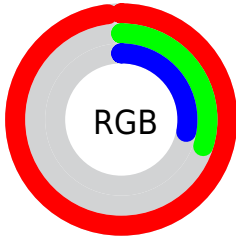
<b>Format</b>	<b>Color</b>
<b>RYB</b>	251, 76, 71
Decimal	16469063
CIELab	58.16, 65.67, 41.68
CIElCh	58, 77.779, 32.407
Yxy	26.1330, 0.5553, 0.3335
Android (android.graphics.Color)	4294659143 (0xFFFB4C47)
YUV	127.7550, -27.9802, 108.0859
Hunter-Lab	51.1205, 62.4493, 25.6796

# Details

The Hex color **FB4C47** 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 **47F6FB**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8778**, and **BA001A** is the 20% darker color. If you saturate the color by 10%, you get **FB342E**, and if you desaturate by 10%, it is **FB6460**.

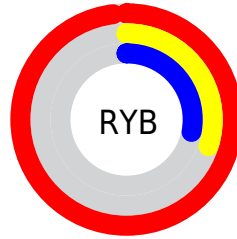
# Distribution



Red (98%)

Green (30%)

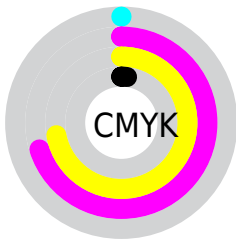
Blue (28%)



Red (98%)

Yellow (30%)

Blue (28%)

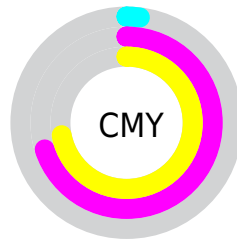


Cyan (0%)

Magenta (70%)

Yellow (72%)

Black (2%)



Cyan (2%)

Magenta (70%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB4C47 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 FB4C47 by changing the saturation by 10% instead.



 FB4C47

 FB4C47

FFFFFF

 DB2B30

 FF8778

 BA001A

 FFA492

 9B0003

 FFC1AD

 7B0000

 FFDEC8

 5C0001

 FFFCE4

 3F0003

 1C0001

 000000

 FB4C47

 FB4C47

 FB342E

 FB6460

 FB1B15

 FB7D79

 FB0700

 FB9592

 FBAEAB

 FBC6C4

 FBDEDE

 FBF7F7

 FBFFFF

# Harmonies

## Analogous

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



FF3789



FB4C47



D96F00

# Triad

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



FB4C47



00A548



0093FF

# Complementary

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



FB4C47



47F6FB

# 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



FB4C47



00A990

# Square

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



FB4C47



5E9C00



00A9D3



8E77FF

# Rectangle

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



FB4C47



B78300



00A9D3



0099FF



# Sweetspot

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



FB4C47



FFC8C7



FB47F8



805F5E



000000



808080



# Same Dimension

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



FB4C47



FF2A24



FBA447



7D7170



BD0500



3D0200



# Inverse Universe

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



47F6FB



24F9FF



479EFB



707D7D



00B7BD



003C3D



# Previews

## White Background



This preview shows how the Hex color FB4C47 looks on a white background.

## Color Contrast Check

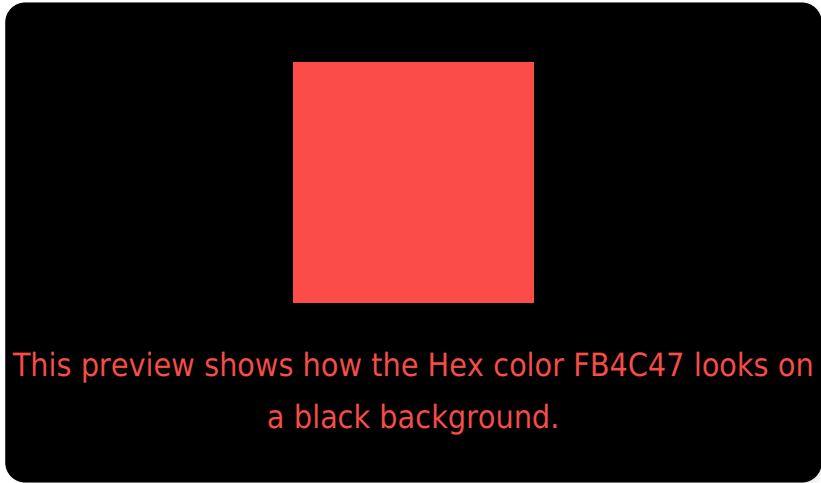
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB4C47 Background



This preview shows how black text looks on a background with the Hex color FB4C47.

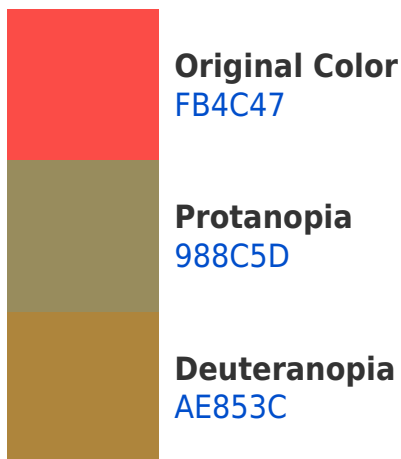


This preview shows how white text looks on a background with the Hex color FB4C47.

# 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](#).

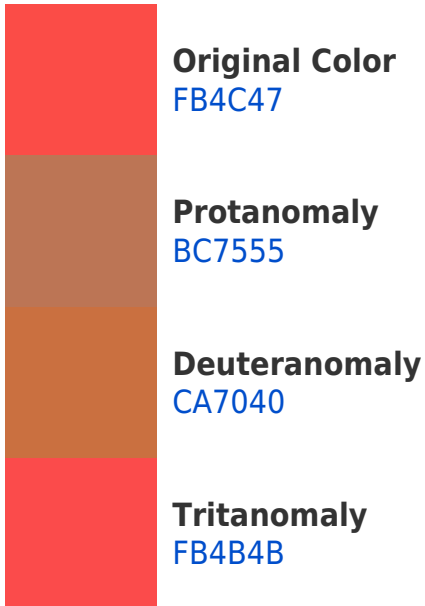
## Dichromacy



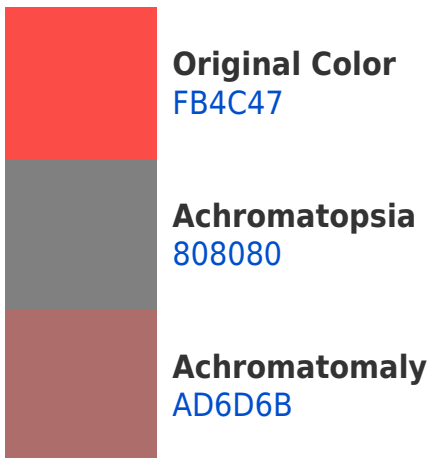


**Tritanopia**  
FB4B4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB4C47 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 #FB4C47 looks like.

```
.text, #text, p{  
    color:#FB4C47  
}
```

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 #FB4C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB4C47
}
```

## Border

The CSS property to change the border of an element to Hex FB4C47 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
#FB4C47 }
```

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

```
.border{ border-color:#FB4C47 }
```

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

Here you see how a box with a 4 pixel #FB4C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB4C47; -webkit-box-shadow:4px 4px  
4px 4px #FB4C47; box-shadow:4px 4px 4px  
4px #FB4C47 }
```

# Background

The CSS property to change the background color of an element to Hex FB4C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB4C47 }
```

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

```
.background{ background-color:#FB4C47 }
```

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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