

# Converting Colors

Hex(F94B51)

Have a look what the booklet for  
Hex(F94B51) contains.

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**Color**

**Hex(F94B51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F94B51
RGB	249, 75, 81
RGB Percent	98%, 29%, 32%
CMY	0.0235, 0.7059, 0.6824
CMYK	0.00, 0.70, 0.67, 0.02
HSL	358°, 94%, 64%
HSV	358°, 70%, 98%
XYZ	43.0682, 25.7660, 10.4880
YIQ	127.7100, 101.7780, 38.7540

# Conversions

## Conversions Part 2

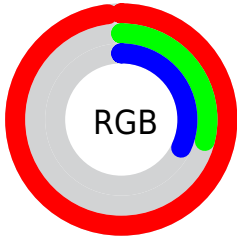
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 75, 81
Decimal	16337745
CIE <sub>Lab</sub>	57.81, 65.87, 35.59
CIE <sub>LCh</sub>	58, 74.872, 28.378
Yxy	25.7660, 0.5430, 0.3248
Android (android.graphics.Color)	4294527825 (0xFFFF94B51)
YUV	127.7100, -23.0280, 106.3713
Hunter-Lab	50.7602, 62.6205, 23.2818

# Details

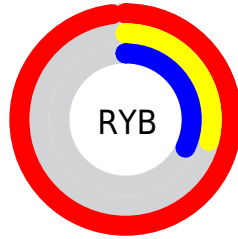
The Hex color **F94B51** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **4BF9F3**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8682**, and **B90024** is the 20% darker color. If you saturate the color by 10%, you get **F93239**, and if you desaturate by 10%, it is **F96469**.

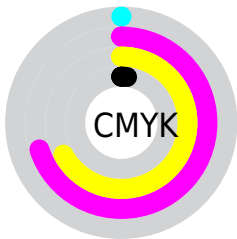
# Distribution



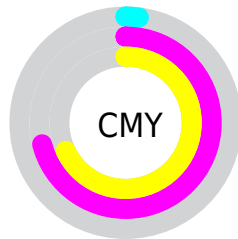
- Red (98%)
- Green (29%)
- Blue (32%)



- Red (98%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (67%)
- Black (2%)



- Cyan (2%)
- Magenta (71%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F94B51 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 F94B51 by changing the saturation by 10% instead.



 F94B51

 F94B51

FFFFFF

 D92A3A

 FF8682

 B90024

 FFA39D

 990010

 FFC0B8

 7A0000

 FFDDD3

 5B0001

 FFFBF0

 3E0003

 1A0001

 000000

 F94B51

 F94B51

 F93239

 F96469

 F91921

 F97D81

 F90009

 F99699

 F9AFB1

 F9C8C9

 F9E0E1

 F9F9F9

 F9FFFF

# Harmonies

## Analogous

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



FA3E91



F94B51



DB6B0C

# Triad

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



F94B51



00A341



0094FF

# Complementary

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



F94B51



4BF9F3

# 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.



00A2FA



F94B51



00A785

# Square

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



F94B51



6A9900



00A8C8



7D7BFF

# Rectangle

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



F94B51



BC7F00



00A8C8



009AFF



# Sweetspot

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



F94B51



FFC9CB



F04BF9



806061



000000



808080



# Same Dimension

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



F94B51



FF2930



F9994B



7D7071



BD0007



3D0002



# Inverse Universe

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



F94B51



FF2930



4BABF9



7D7071



BD0007



3D0002



# Previews

## White Background



This preview shows how the Hex color F94B51 looks on a white background.

## Color Contrast Check

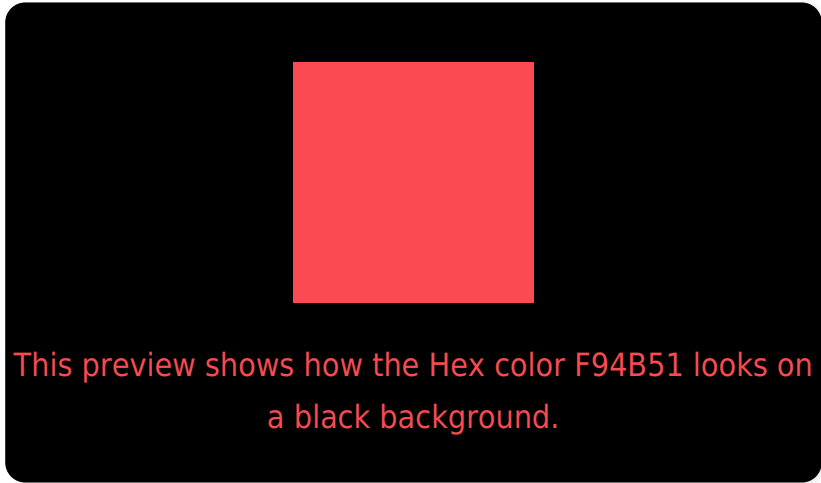
Large Text (above 18pt) WCAG AA ✓ Pass

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 F94B51 Background



This preview shows how black text looks on a background with the Hex color F94B51.

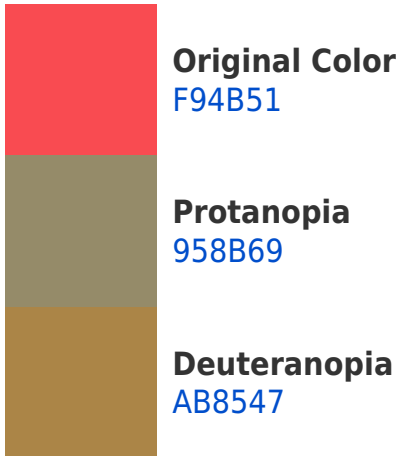


This preview shows how white text looks on a background with the Hex color F94B51.

# 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**  
F94B4F

# Trichromacy



**Original Color**  
F94B51

**Protanomaly**  
B97460

**Deuteranomaly**  
C7704B

**Tritanomaly**  
F94B50

# Monochromacy



**Original Color**  
F94B51

**Achromatopsia**  
808080

**Achromatomaly**  
AC6D6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F94B51 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 #F94B51 looks like.

```
.text, #text, p{  
    color:#F94B51  
}
```

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 #F94B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F94B51
}
```

## Border

The CSS property to change the border of an element to Hex F94B51 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
#F94B51 }
```

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

```
.border{ border-color:#F94B51 }
```

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

Here you see how a box with a 4 pixel #F94B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F94B51; -webkit-box-shadow:4px 4px  
4px 4px #F94B51; box-shadow:4px 4px 4px  
4px #F94B51 }
```

# Background

The CSS property to change the background color of an element to Hex F94B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F94B51 }
```

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

```
.background{ background-color:#F94B51 }
```

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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