

# Converting Colors

Hex(FB5962)

Have a look what the booklet for  
Hex(FB5962) contains.

<b>Hex(FB5962)</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(FB5962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB5962
RGB	251, 89, 98
RGB Percent	98%, 35%, 38%
CMY	0.0157, 0.6510, 0.6157
CMYK	0.00, 0.65, 0.61, 0.02
HSL	357°, 95%, 67%
HSV	357°, 65%, 98%
XYZ	45.5606, 28.5358, 14.6619
YIQ	138.4640, 93.6630, 37.1430

# Conversions

## Conversions Part 2

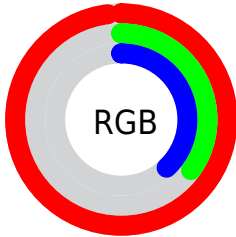
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 89, 98
Decimal	16472418
CIE <sub>Lab</sub>	60.37, 62.13, 29.16
CIE <sub>LCh</sub>	60, 68.632, 25.143
Yxy	28.5358, 0.5133, 0.3215
Android (android.graphics.Color)	4294662498 (0xFFFB5962)
YUV	138.4640, -19.9488, 98.6941
Hunter-Lab	53.4189, 58.7583, 21.1199

# Details

The Hex color **FB5962** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **59FBF2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9295**, and **BC1634** is the 20% darker color. If you saturate the color by 10%, you get **FB404A**, and if you desaturate by 10%, it is **FB727A**.

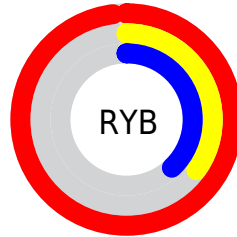
# Distribution



Red (98%)

Green (35%)

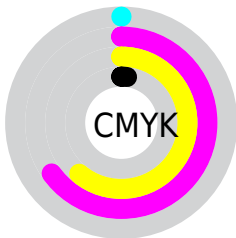
Blue (38%)



Red (98%)

Yellow (35%)

Blue (38%)

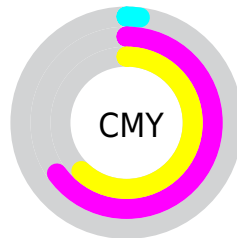


Cyan (0%)

Magenta (65%)

Yellow (61%)

Black (2%)



Cyan (2%)

Magenta (65%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FB5962 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 FB5962 by changing the saturation by 10% instead.



 FB5962

 FB5962

FFFFFF

 DB3B4A

 FF9295

 BC1634

 FFAFAF

 9D001F

 FFCCCB

 7E0008

 FFE9E7

 600000

 430003

 220001

 000000

 FB5962

 FB5962

 FB404A

 FB727A

 FB2733

 FB8B91

 FB0E1B

 FBA4A9

 FB000E

 FBBDC1

 FBD7D9

 FBF0F0

 FBFFFF

# Harmonies

## Analogous

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



F7539E



FB5962



E3722B

# Triad

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



FB5962



17A848



009CFF

# Complementary

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



FB5962



59FBF2

# 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.



00A8F4



FB5962



00AD85

# Square

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



FB5962



7D9D05



00ADC3



7C86FF

# Rectangle

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



FB5962



C78400



00ADC3



00A1FF



# Sweetspot

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



FB5962



FFCFD1



F059FB



806264



000000



808080



# Same Dimension

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



FB5962



FF3B46



FB9F59



7D7071



BD000A



3D0003



# Inverse Universe

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



FB5962



FF3B46



59B5FB



7D7071



BD000A



3D0003



# Previews

## White Background



This preview shows how the Hex color FB5962 looks on a white background.

## Color Contrast Check

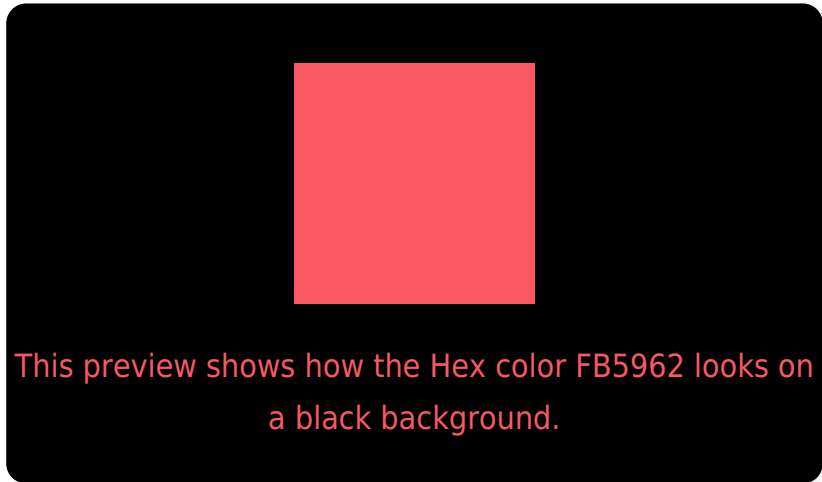
Large Text (above 18pt) WCAG AA ✓ Pass

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 FB5962 Background



This preview shows how black text looks on a background with the Hex color FB5962.

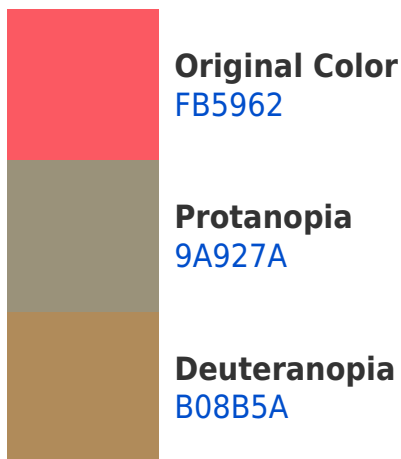


This preview shows how white text looks on a background with the Hex color FB5962.

# 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**  
FB5A5F

# Trichromacy



**Original Color**  
FB5962

**Protanomaly**  
BD7D71

**Deuteranomaly**  
CB795D

**Tritanomaly**  
FB5A60

# Monochromacy



**Original Color**  
FB5962

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
B3787B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FB5962 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 #FB5962 looks like.

```
.text, #text, p{  
    color:#FB5962  
}
```

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 #FB5962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB5962
}
```

## Border

The CSS property to change the border of an element to Hex FB5962 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
#FB5962 }
```

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

```
.border{ border-color:#FB5962 }
```

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

Here you see how a box with a 4 pixel #FB5962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB5962; -webkit-box-shadow:4px 4px  
4px 4px #FB5962; box-shadow:4px 4px 4px  
4px #FB5962 }
```

# Background

The CSS property to change the background color of an element to Hex FB5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB5962 }
```

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

```
.background{ background-color:#FB5962 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor