

# Converting Colors

Hex(FF5960)

Have a look what the booklet for  
Hex(FF5960) contains.

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**Color**

**Hex(F5960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5960
RGB	255, 89, 96
RGB Percent	100%, 35%, 38%
CMY	0.0000, 0.6510, 0.6235
CMYK	0.00, 0.65, 0.62, 0.00
HSL	357°, 100%, 67%
HSV	357°, 65%, 100%
XYZ	46.9237, 29.2493, 14.2389
YIQ	139.4320, 96.6890, 37.3690

# Conversions

## Conversions Part 2

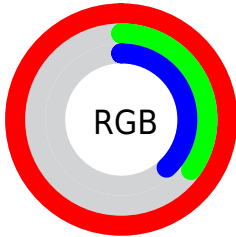
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 89, 96
Decimal	16734560
CIE <sub>Lab</sub>	61.00, 63.27, 31.24
CIE <sub>LCh</sub>	61, 70.567, 26.280
Yxy	29.2493, 0.5190, 0.3235
Android (android.graphics.Color)	4294924640 (0xFFFF5960)
YUV	139.4320, -21.4120, 101.3531
Hunter-Lab	54.0826, 60.2274, 22.2480

# Details

The Hex color **FF5960** 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 **59FFF8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9293**, and **BF1432** is the 20% darker color. If you saturate the color by 10%, you get **FF4048**, and if you desaturate by 10%, it is **FF7378**.

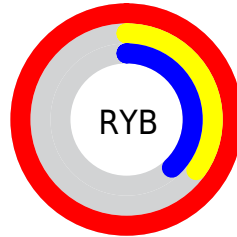
# Distribution



Red (100%)

Green (35%)

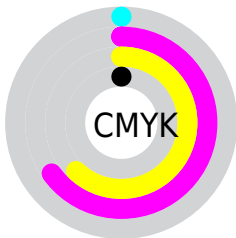
Blue (38%)



Red (100%)

Yellow (35%)

Blue (38%)

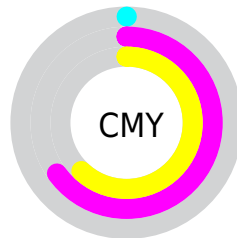


Cyan (0%)

Magenta (65%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF5960 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 FF5960 by changing the saturation by 10% instead.



 FF5960

 FF5960

FFFFFF

 DF3B48

 FF9293

 BF1432

 FFAFAD

 A0001D

 FFCCC9

 810006

 FFEAE5

 630000

 460003

 260001

 000000

 FF5960

 FF5960

 FF4048

 FF7378

 FF262F

 FF8C91

 FF0D17

 FFA6A9

 FF000B

 FFBFC2

 FFD9DA

 FFF2F3

FFFFFF

# Harmonies

## Analogous

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



FD529E



FF5960



E57427

# Triad

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



FF5960



00AA49



009DFF

# Complementary

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



FF5960



59FFF8

# 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.



00AAFB



FF5960



00AF89

# Square

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



FF5960



7BA000



00AFC9



8186FF

# Rectangle

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



FF5960



C88600



00AFC9



00A3FF



# Sweetspot

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



FF5960



FFCCCE



F759FF



806162



000000



808080



# Same Dimension

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



FF5960



FF3840



FFA459



807373



BF0008



400003



# Inverse Universe

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



FF5960



FF3840



59B4FF



807373



BF0008



400003



# Previews

## White Background



This preview shows how the Hex color FF5960 looks on a white background.

## Color Contrast Check

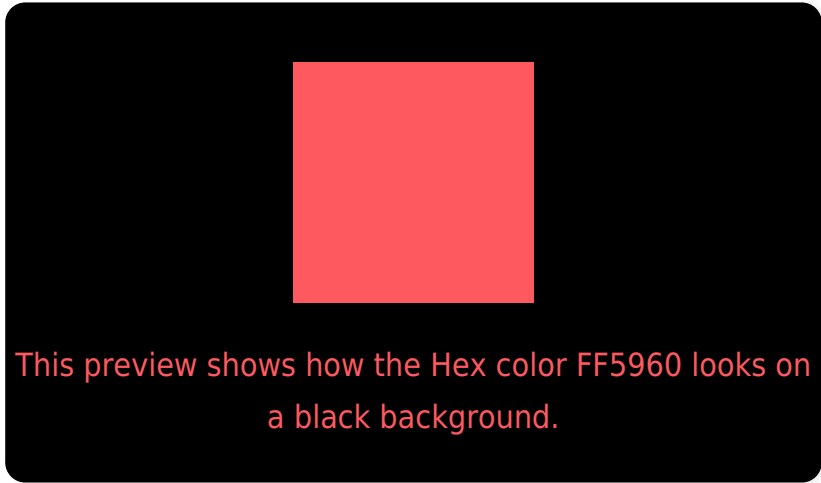
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF5960 Background



This preview shows how black text looks on a background with the Hex color FF5960.



This preview shows how white text looks on a background with the Hex color FF5960.

# 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**  
FF595E

# Trichromacy



**Original Color**  
FF5960

**Protanomaly**  
C07E6F

**Deuteranomaly**  
CF7A5B

**Tritanomaly**  
FF595F

# Monochromacy



**Original Color**  
FF5960

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
B5797B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF5960 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 #FF5960 looks like.

```
.text, #text, p{  
    color:#FF5960  
}
```

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 #FF5960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5960
}
```

## Border

The CSS property to change the border of an element to Hex FF5960 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
#FF5960 }
```

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

```
.border{ border-color:#FF5960 }
```

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

Here you see how a box with a 4 pixel #FF5960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5960; -webkit-box-shadow:4px 4px  
4px 4px #FF5960; box-shadow:4px 4px 4px  
4px #FF5960 }
```

# Background

The CSS property to change the background color of an element to Hex FF5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5960 }
```

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

```
.background{ background-color:#FF5960 }
```

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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