

# Converting Colors

Hex(F50F5C)

Have a look what the booklet for  
Hex(F50F5C) contains.

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**Color**

**Hex(F50F5C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F50F5C
RGB	245, 15, 92
RGB Percent	96%, 6%, 36%
CMY	0.0392, 0.9412, 0.6392
CMYK	0.00, 0.94, 0.62, 0.04
HSL	340°, 92%, 51%
HSV	340°, 94%, 96%
XYZ	39.7588, 20.5268, 11.9918
YIQ	92.5480, 112.3630, 72.7070

# Conversions

## Conversions Part 2

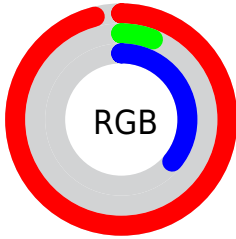
Format	Color
R <sub>Y</sub> B	245, 15, 92
Decimal	16060252
CIE Lab	52.43, 78.99, 22.11
CIE LCh	52, 82.029, 15.638
Yxy	20.5268, 0.5501, 0.2840
Android (android.graphics.Color)	4294250332 (0xFFFF50F5C)
YUV	92.5480, -0.2702, 133.7004
Hunter-Lab	45.3065, 77.3563, 16.0217

# Details

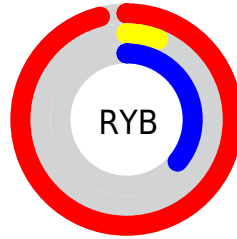
The Hex color **F50F5C** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **0FF5A8**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF638E**, and **B5002F** is the 20% darker color. If you saturate the color by 10%, you get **F50052**, and if you desaturate by 10%, it is **F5286C**.

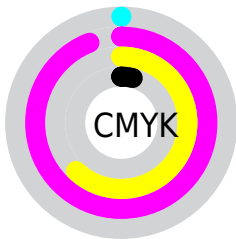
# Distribution



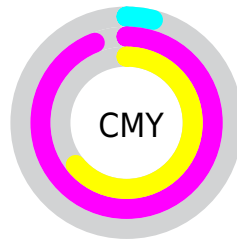
- Red (96%)
- Green (6%)
- Blue (36%)



- Red (96%)
- Yellow (6%)
- Blue (36%)



- Cyan (0%)
- Magenta (94%)
- Yellow (62%)
- Black (4%)



- Cyan (4%)
- Magenta (94%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F50F5C 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 F50F5C by changing the saturation by 10% instead.



 F50F5C

 F50F5C

FFFFFF

 D50045

 FF638E

 B5002F

 FF83A8

 95001B

 FFA1C3

 750002


 FFBFDF

 560004

 FFDDFC

 370002

 FFFCFF

 080000

 000000

 F50F5C

 F50F5C

 F50052

 F5286C

 F5407D

 F5598D

 F5719D

 F58AAD

 F5A2BE

 F5BBCE

 F5D3DE

 F5ECEF

# Harmonies

## Analogous

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



E71EA2



F50F5C



E04813

# Triad

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



F50F5C



009200



008FFF

# Complementary

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



F50F5C



0FF5A8

# 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.



0099E1



F50F5C



009957

# Square

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



F50F5C



768500



009BA1



007AFF

# Rectangle

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



F50F5C



C46300



009BA1



0094FE



# Sweetspot

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



F50F5C



FFB8D0



A50FF5



805463



000000



808080



# Same Dimension

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



F50F5C



FF0055



F5310F



7A6E72



BA003E



3B0014



# Inverse Universe

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



F50F5C



FF0055



0FD2F5



7A6E72



BA003E



3B0014



# Previews

## White Background



This preview shows how the Hex color F50F5C looks on a white background.

## Color Contrast Check

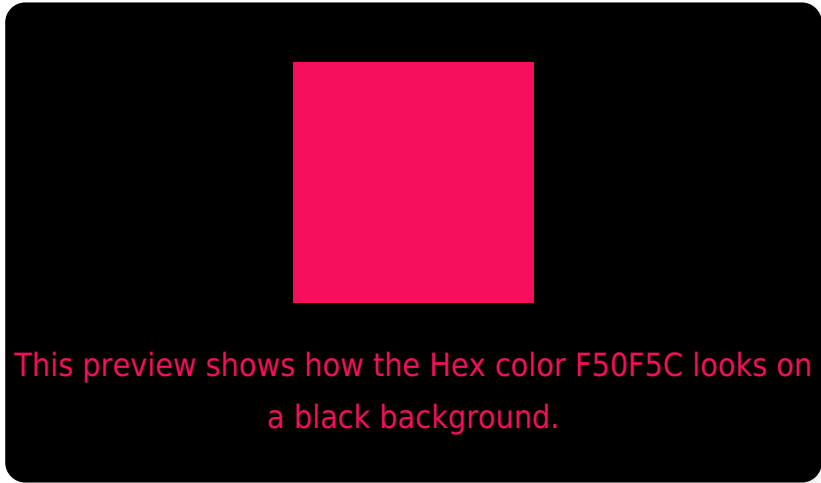
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50F5C Background



This preview shows how black text looks on a background with the Hex color F50F5C.



This preview shows how white text looks on a background with the Hex color F50F5C.

# 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**  
F50F5C

**Protanopia**  
7E7D86

**Deuteranopia**  
987851



# Trichromacy



**Original Color**  
F50F5C



**Protanomaly**  
A95577



**Deuteranomaly**  
BA5255

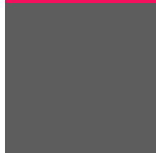


**Tritanomaly**  
F41E38

# Monochromacy



**Original Color**  
F50F5C



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
94415D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F50F5C 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 #F50F5C looks like.

```
.text, #text, p{  
    color:#F50F5C  
}
```

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 #F50F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50F5C } }
```

## Border

The CSS property to change the border of an element to Hex F50F5C 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".

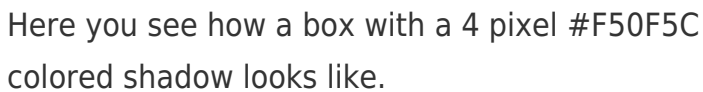
```
.border, #border, table{ border:4px solid #F50F5C } }
```

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

```
.border{ border-color:#F50F5C }
```

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

Here you see how a box with a 4 pixel #F50F5C colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50F5C; -webkit-box-shadow:4px 4px  
4px 4px #F50F5C; box-shadow:4px 4px 4px  
4px #F50F5C }
```

# Background

The CSS property to change the background color of an element to Hex F50F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50F5C }
```

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

```
.background{ background-color:#F50F5C }
```

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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