

# Converting Colors

Hex(F80F3F)

Have a look what the booklet for  
Hex(F80F3F) contains.

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**Color**

**Hex(F80F3F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F80F3F
RGB	248, 15, 63
RGB Percent	97%, 6%, 25%
CMY	0.0275, 0.9412, 0.7529
CMYK	0.00, 0.94, 0.75, 0.03
HSL	348°, 94%, 52%
HSV	348°, 94%, 97%
XYZ	39.7794, 20.6570, 6.5932
YIQ	90.1390, 123.4600, 64.3240

# Conversions

## Conversions Part 2

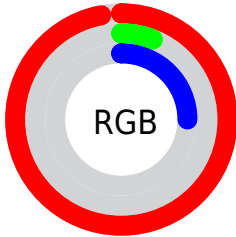
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 15, 63
Decimal	16256831
CIE Lab	52.57, 78.44, 39.69
CIE LCh	53, 87.906, 26.841
Yxy	20.6570, 0.5935, 0.3082
Android (android.graphics.Color)	4294446911 (0xFFFF80F3F)
YUV	90.1390, -13.3795, 138.4441
Hunter-Lab	45.4500, 76.6921, 23.2140

# Details

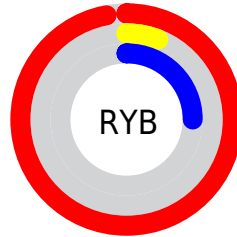
The Hex color **F80F3F** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **0FF8C8**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF636F**, and **B60015** is the 20% darker color. If you saturate the color by 10%, you get **F80033**, and if you desaturate by 10%, it is **F82853**.

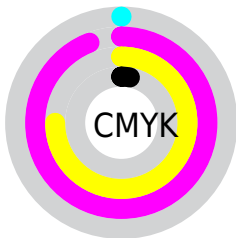
# Distribution



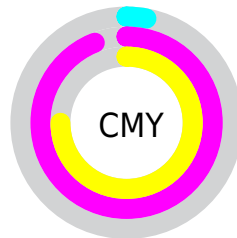
- Red (97%)
- Green (6%)
- Blue (25%)



- Red (97%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (94%)
- Yellow (75%)
- Black (3%)



- Cyan (3%)
- Magenta (94%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F80F3F 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 F80F3F by changing the saturation by 10% instead.



 F80F3F

 F80F3F

FFFFFF

 D70029

 FF636F

 B60015

 FF8288

 960000

 FFA1A2

 750001

 FFBFBE

 560004

 FFDDD9

 370002

 FFFCF6

 090000

 000000

 F80F3F

 F80F3F

 F80033

 F82853

 F84166

 F8597A

 F8728E

 F88BA1

 F8A4B5

 F8BDC9

 F8D5DD

 F8EEF0

# Harmonies

## Analogous

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



F90089



F80F3F



D75400

# Triad

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



F80F3F



00971D



008AFF

# Complementary

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



F80F3F



0FF8C8

# 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.



0098FD



F80F3F



009B73

# Square

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



F80F3F



558D00



009CC0



576DFF

# Rectangle

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



F80F3F



B46E00



009CC0



0091FF



# Sweetspot

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



F80F3F



FFB8C6



C60FF8



80545D



000000



808080



# Same Dimension

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



F80F3F



FF0035



F8510F



7D7073



BD0027



3D000D



# Inverse Universe

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



F80F3F



FF0035



0FB6F8



7D7073



BD0027



3D000D



# Previews

## White Background



This preview shows how the Hex color F80F3F looks on a white background.

## Color Contrast Check

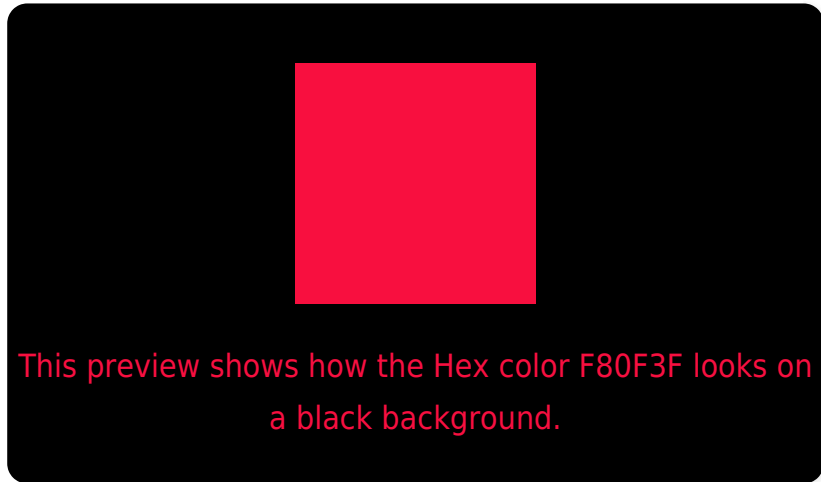
Large Text (above 18pt) WCAG AA ✓ Pass

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 F80F3F Background



This preview shows how black text looks on a background with the Hex color F80F3F.



This preview shows how white text looks on a background with the Hex color F80F3F.

# 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**  
F80F3F

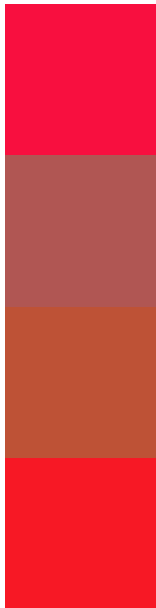
**Protanopia**  
877E5E

**Deuteranopia**  
9D7831



**Tritanopia**  
F71D16

# Trichromacy



**Original Color**  
F80F3F

**Protanomaly**  
B05653

**Deuteranomaly**  
BE5236

**Tritanomaly**  
F71825

# Monochromacy



**Original Color**  
F80F3F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
933F50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F80F3F 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 #F80F3F looks like.

```
.text, #text, p{  
    color:#F80F3F  
}
```

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 #F80F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F80F3F
}
```

## Border

The CSS property to change the border of an element to Hex F80F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

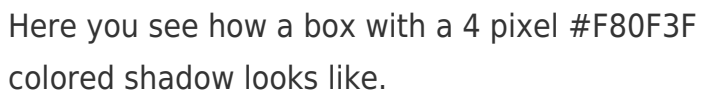
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F80F3F }
```

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

```
.border{ border-color:#F80F3F }
```

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



Here you see how a box with a 4 pixel #F80F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F80F3F; -webkit-box-shadow:4px 4px  
4px 4px #F80F3F; box-shadow:4px 4px 4px  
4px #F80F3F }
```

# Background

The CSS property to change the background color of an element to Hex F80F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F80F3F }
```

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

```
.background{ background-color:#F80F3F }
```

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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