

# Converting Colors

Hex(F61F1F)

Have a look what the booklet for  
Hex(F61F1F) contains.

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**Color**

**Hex(F61F1F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F61F1F
RGB	246, 31, 31
RGB Percent	96%, 12%, 12%
CMY	0.0353, 0.8784, 0.8784
CMYK	0.00, 0.87, 0.87, 0.04
HSL	0°, 92%, 54%
HSV	0°, 87%, 96%
XYZ	38.7433, 20.6717, 3.2444
YIQ	95.2850, 128.1400, 45.5800

# Conversions

## Conversions Part 2

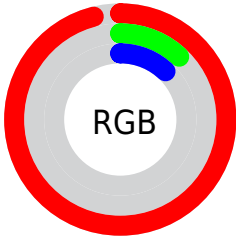
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 31, 31
Decimal	16129823
CIE <sub>Lab</sub>	52.59, 75.09, 56.25
CIE <sub>LCh</sub>	53, 93.823, 36.838
Yxy	20.6717, 0.6183, 0.3299
Android (android.graphics.Color)	4294319903 (0xFFFF61F1F)
YUV	95.2850, -31.6925, 132.1771
Hunter-Lab	45.4662, 72.5404, 27.5955

# Details

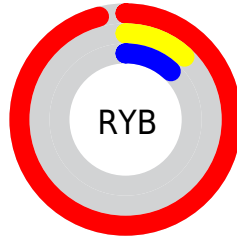
The Hex color **F61F1F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1FF6F6**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF684F**, and **B40000** is the 20% darker color. If you saturate the color by 10%, you get **F60606**, and if you desaturate by 10%, it is **F63838**.

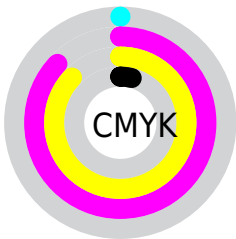
# Distribution



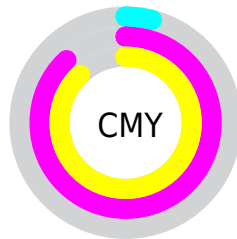
- Red (96%)
- Green (12%)
- Blue (12%)



- Red (96%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (87%)
- Yellow (87%)
- Black (4%)



- Cyan (4%)
- Magenta (88%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F61F1F 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 F61F1F by changing the saturation by 10% instead.



 F61F1F

 F61F1F

FFFFFF

 D50005

 FF684F

 B40000

 FF8668

 930000

 FFA482

 720001

 FFC29D

 540003

 FFE0B8

 340002

 FFFED4

 000000

 FFFFF1

 F61F1F

 F61F1F

 F60606

 F63838

 F60000

 F65050

 F66969

 F68181

 F69A9A

 F6B3B3

 F6CBCB

 F6E4E4

 F6FCFC

# Harmonies

## Analogous

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



FF006F



F61F1F



C96000

# Triad

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



F61F1F



009A38



0083FF

# Complementary

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



F61F1F



1FF6F6

# 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.



0097FF



F61F1F



009D8F

# Square

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



F61F1F



209200



009DDE



8D5CFF

# Rectangle

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



F61F1F



A07800



009DDE



008CFF



# Sweetspot

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



F61F1F



FFBDBD



F61FF6



805858



000000



808080



# Same Dimension

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



F61F1F



FF0000



F68B1F



7A6E6E



BA0000



3B0000



# Inverse Universe

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



1FF6F6



00FFFF



1F8BF6



6E7A7A



00BABA



003B3B



# Previews

## White Background



This preview shows how the Hex color F61F1F looks on a white background.

## Color Contrast Check

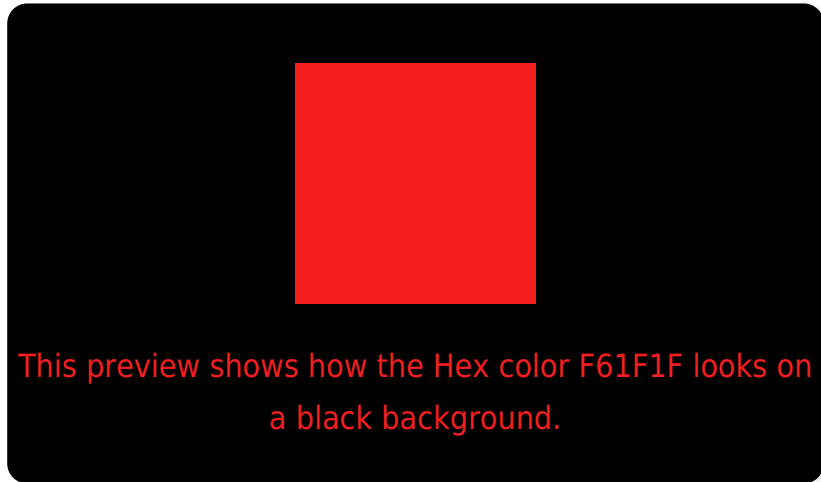
Large Text (above 18pt) WCAG AA ✓ Pass

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 F61F1F Background



This preview shows how black text looks on a background with the Hex color F61F1F.



This preview shows how white text looks on a background with the Hex color F61F1F.

# 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**  
F61F1F

**Protanopia**  
8C7E34

**Deuteranopia**  
9F7800



# Trichromacy



**Original Color**  
F61F1F

**Protanomaly**  
B35B2C

**Deuteranomaly**  
BF580B

**Tritanomaly**  
F6201C

# Monochromacy



**Original Color**  
F61F1F

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
964848

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F61F1F 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 #F61F1F looks like.

```
.text, #text, p{  
    color:#F61F1F  
}
```

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 #F61F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F61F1F
}
```

## Border

The CSS property to change the border of an element to Hex F61F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

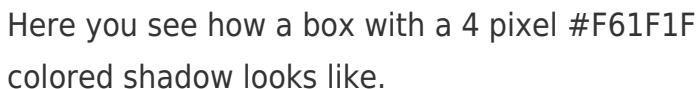
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F61F1F }
```

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

```
.border{ border-color:#F61F1F }
```

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



Here you see how a box with a 4 pixel #F61F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F61F1F; -webkit-box-shadow:4px 4px  
4px 4px #F61F1F; box-shadow:4px 4px 4px  
4px #F61F1F }
```

# Background

The CSS property to change the background color of an element to Hex F61F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F61F1F }
```

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

```
.background{ background-color:#F61F1F }
```

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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