

Converting Colors

Hex(F0161F)

Have a look what the booklet for
Hex(F0161F) contains.

Hex(F0161F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F0161F)

Conversions

Conversions Part 1

Format	Color
Hex	F0161F
RGB	240, 22, 31
RGB Percent	94%, 9%, 12%
CMY	0.0588, 0.9137, 0.8784
CMYK	0.00, 0.91, 0.87, 0.06
HSL	358°, 88%, 51%
HSV	358°, 91%, 94%
XYZ	36.4694, 19.1980, 3.0798
YIQ	88.2080, 127.0390, 49.0150

Conversions

Conversions Part 2

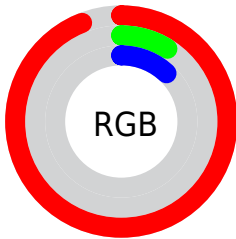
Format	Color
R_{YB}	240, 22, 31
Decimal	15734303
CIE _{Lab}	50.92, 74.89, 54.44
CIE _{LCh}	51, 92.585, 36.014
Yxy	19.1980, 0.6208, 0.3268
Android (android.graphics.Color)	4293924383 (0xFFFF0161F)
YUV	88.2080, -28.2035, 133.1216
Hunter-Lab	43.8155, 71.8955, 26.5034

Details

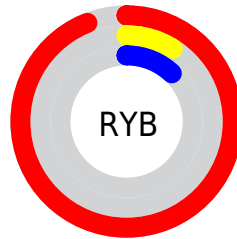
The Hex color **F0161F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **16F0E7**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF634F**, and **AE0000** is the 20% darker color. If you saturate the color by 10%, you get **F0000A**, and if you desaturate by 10%, it is **F02E36**.

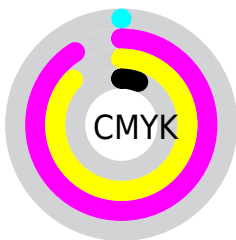
Distribution



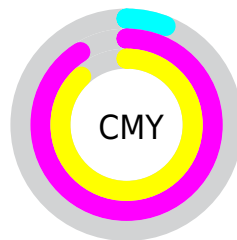
- Red (94%)
- Green (9%)
- Blue (12%)



- Red (94%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (91%)
- Yellow (87%)
- Black (6%)



- Cyan (6%)
- Magenta (91%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0161F 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 F0161F by changing the saturation by 10% instead.

 F0161F

FFFFFF

 FF634F

 FF8168

 FF9F81

 FFBD9C

 FFDBB7

 FFF9D3

 FFFFF0

 F0161F

 CF0006

 AE0000

 8D0000

 6D0001

 4F0004

 2F0002

 000000

 F0161F

 F0161F

 F0000A

 F02E36

 F0464D

 F05E64

 F0767B

 F08E92

 F0A6A9

 F0BEC0

 F0D6D7

 F0E0EE

Harmonies

Analogous

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



FD006D



F0161F



C55B00

Triad

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



F0161F



009532



0080FF

Complementary

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



F0161F



16F0E7

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.



0092FF



F0161F



009888

Square

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



F0161F



228D00



0098D6



845AFB

Rectangle

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



F0161F



9D7300



0098D6



0088FF

Sweetspot

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



F0161F



FFBABD



E516F0



805758



000000



808080

Same Dimension

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



F0161F



FF000B



F07816



786C6C



B80008



380002

Inverse Universe

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



F0161F



FF000B



168EF0



786C6C



B80008



380002

Previews

White Background



This preview shows how the Hex color F0161F looks on a white background.

Color Contrast Check

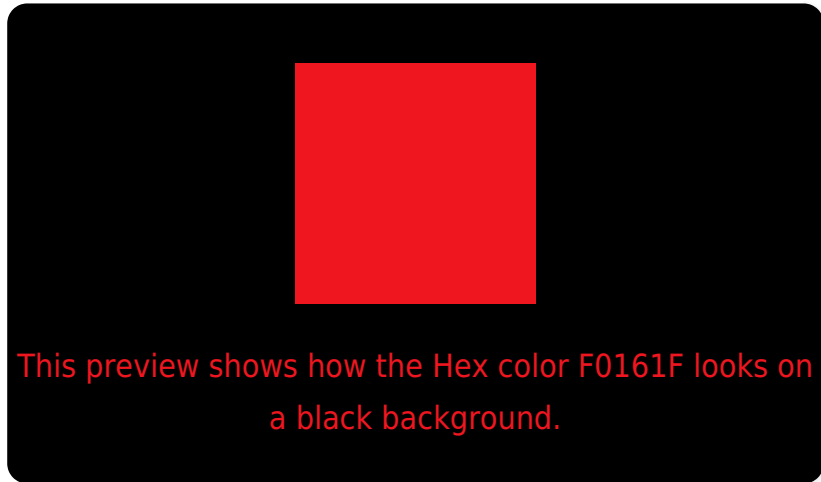
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0161F Background



This preview shows how black text looks on a background with the Hex color F0161F.



This preview shows how white text looks on a background with the Hex color F0161F.

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
F0161F

Protanopia
887A34

Deuteranopia
9A7400



Tritanopia
F0180F

Trichromacy



Original Color
F0161F

Protanomaly
AE562C

Deuteranomaly
B9520B

Tritanomaly
F01715

Monochromacy



Original Color
F0161F

Achromatopsia
585858

Achromatomaly
8F4043

CSS Examples

Text

The CSS property to change the color of the text to Hex F0161F 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 #F0161F looks like.

```
.text, #text, p{  
    color:#F0161F  
}
```

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 #F0161F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0161F
}
```

Border

The CSS property to change the border of an element to Hex F0161F is called "border". The border property can be set on classes, ids or directly on the HTML element.

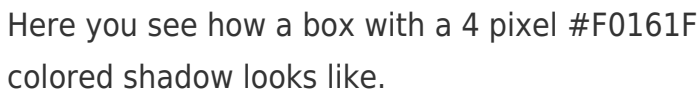
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0161F }
```

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

```
.border{ border-color:#F0161F }
```

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



Here you see how a box with a 4 pixel #F0161F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0161F; -webkit-box-shadow:4px 4px  
4px 4px #F0161F; box-shadow:4px 4px 4px  
4px #F0161F }
```

Background

The CSS property to change the background color of an element to Hex F0161F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0161F }
```

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

```
.background{ background-color:#F0161F }
```

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