

Converting Colors

Hex(F7311C)

Have a look what the booklet for
Hex(F7311C) contains.

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Color

Hex(F7311C)

Conversions

Conversions Part 1

Format	Color
Hex	F7311C
RGB	247, 49, 28
RGB Percent	97%, 19%, 11%
CMY	0.0314, 0.8078, 0.8902
CMYK	0.00, 0.80, 0.89, 0.03
HSL	6°, 93%, 54%
HSV	6°, 89%, 97%
XYZ	39.6657, 22.0546, 3.2650
YIQ	105.8080, 124.7490, 35.4450

Conversions

Conversions Part 2

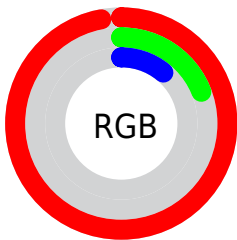
Format	Color
R_{YB}	247, 51, 28
Decimal	16199964
CIE _{Lab}	54.08, 71.56, 58.70
CIE _{LCh}	54, 92.554, 39.363
Yxy	22.0546, 0.6104, 0.3394
Android (android.graphics.Color)	4294390044 (0xFFFF7311C)
YUV	105.8080, -38.3593, 123.8254
Hunter-Lab	46.9623, 68.5819, 28.7516

Details

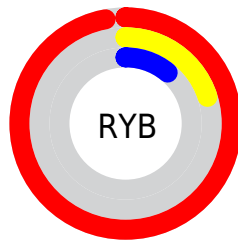
The Hex color **F7311C** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1CE2F7**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF724E**, and **B50000** is the 20% darker color. If you saturate the color by 10%, you get **F71B03**, and if you desaturate by 10%, it is **F74735**.

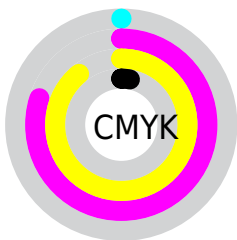
Distribution



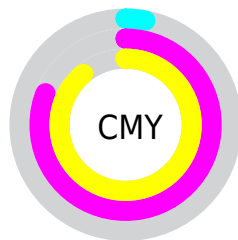
- Red (97%)
- Green (19%)
- Blue (11%)



- Red (97%)
- Yellow (20%)
- Blue (11%)



- Cyan (0%)
- Magenta (80%)
- Yellow (89%)
- Black (3%)



- Cyan (3%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7311C 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 F7311C by changing the saturation by 10% instead.

 F7311C

 F7311C

FFFFFF

 D60000

 FF724E

 B50000

 FF8F67

 940000

 FFAD81

 740000

 FFCA9B

 550002

 FFE8B7

 360002

 FFFFD3

 080000

 FFFFF0

 000000

 F7311C

 F7311C

 F71B03

 F74735

 F71800

 F75E4D

 F77466

 F78A7F

 F7A198

 F7B7B0

 F7CDC9

 F7E4E2

 F7FAFA

Harmonies

Analogous

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



FF006C



F7311C



C96800

Triad

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



F7311C



009E44



0084FF

Complementary

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



F7311C



1CE2F7

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.



0099FF



F7311C



00A299

Square

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



F7311C



169700



00A1E6



9D5CFF

Rectangle

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



F7311C



9F7E00



00A1E6



008DFF

Sweetspot

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



F7311C



FFC1BA



F71CE5



805B57



000000



808080

Same Dimension

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



F7311C



FF1800



F79C1C



7A6F6E



BA1200



3B0600

Inverse Universe

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



1CE2F7



00E7FF



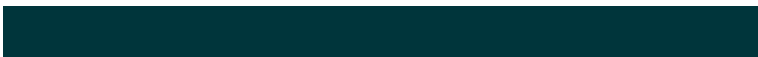
1C77F7



6E797A



00A8BA



00353B

Previews

White Background



This preview shows how the Hex color F7311C looks on a white background.

Color Contrast Check

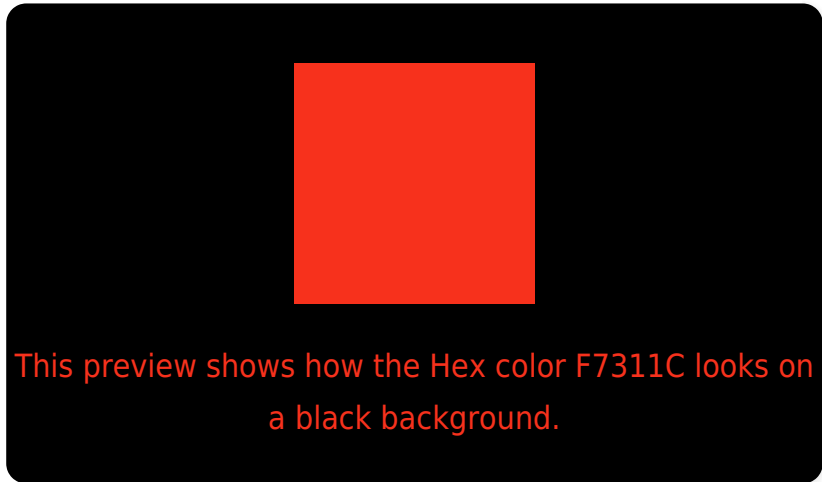
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7311C Background



This preview shows how black text looks on a background with the Hex color F7311C.



This preview shows how white text looks on a background with the Hex color F7311C.

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
F7311C

Protanopia
91822F

Deuteranopia
A47B00



Tritanopia
F72F2E

Trichromacy



Original Color
F7311C

Protanomaly
B66528

Deuteranomaly
C2600A

Tritanomaly
F73027

Monochromacy



Original Color
F7311C

Achromatopsia
6A6A6A

Achromatomaly
9D554E

CSS Examples

Text

The CSS property to change the color of the text to Hex F7311C 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 #F7311C looks like.

```
.text, #text, p{  
    color:#F7311C  
}
```

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 #F7311C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7311C
}
```

Border

The CSS property to change the border of an element to Hex F7311C 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".

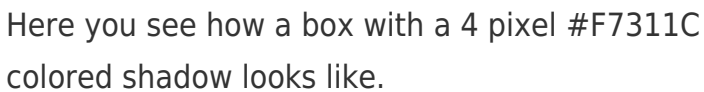
```
.border, #border, table{ border:4px solid
#F7311C }
```

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

```
.border{ border-color:#F7311C }
```

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

Here you see how a box with a 4 pixel #F7311C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7311C; -webkit-box-shadow:4px 4px  
4px 4px #F7311C; box-shadow:4px 4px 4px  
4px #F7311C }
```

Background

The CSS property to change the background color of an element to Hex F7311C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7311C }
```

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

```
.background{ background-color:#F7311C }
```

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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