

Converting Colors

Hex(F5271F)

Have a look what the booklet for
Hex(F5271F) contains.

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Color

Hex(F5271F)

Conversions

Conversions Part 1

Format	Color
Hex	F5271F
RGB	245, 39, 31
RGB Percent	96%, 15%, 12%
CMY	0.0392, 0.8471, 0.8784
CMYK	0.00, 0.84, 0.87, 0.04
HSL	2°, 91%, 54%
HSV	2°, 87%, 96%
XYZ	38.6290, 20.9624, 3.3065
YIQ	99.6820, 125.3440, 41.1840

Conversions

Conversions Part 2

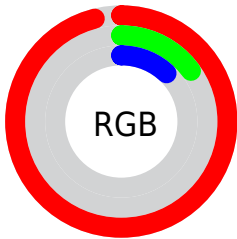
Format	Color
R_{YB}	245, 39, 31
Decimal	16066335
CIE _{Lab}	52.91, 73.34, 56.41
CIE _{LCh}	53, 92.529, 37.564
Yxy	20.9624, 0.6142, 0.3333
Android (android.graphics.Color)	4294256415 (0xFFFF5271F)
YUV	99.6820, -33.8602, 127.4439
Hunter-Lab	45.7848, 70.4788, 27.7675

Details

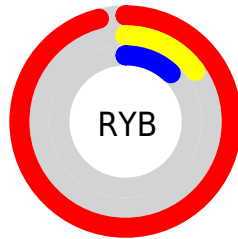
The Hex color **F5271F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **1FEDF5**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6C50**, and **B30000** is the 20% darker color. If you saturate the color by 10%, you get **F50F06**, and if you desaturate by 10%, it is **F53F37**.

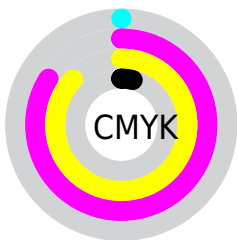
Distribution



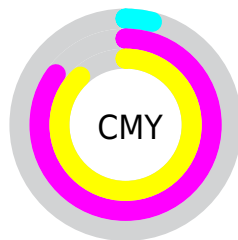
- Red (96%)
- Green (15%)
- Blue (12%)



- Red (96%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (84%)
- Yellow (87%)
- Black (4%)



- Cyan (4%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5271F 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 F5271F by changing the saturation by 10% instead.

 F5271F

 F5271F

FFFFFF

 D40005

 FF6C50

 B30000

 FF8969

 920000

 FFA782

 720000

 FFC59D

 530003

 FFE3B8

 340002

 FFFFD4

 000000

 FFFFF1

 F5271F

 F5271F

 F50F06

 F53F37

 F50900

 F55650

 F56E68

 F58581

 F59D9A

 F5B5B2

 F5CCCB

 F5E4E3

 F5FBFB

Harmonies

Analogous

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



FF006E



F5271F



C86200

Triad

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



F5271F



009B3C



0083FF

Complementary

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



F5271F



1FEDF5

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



F5271F



009E91

Square

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



F5271F



209300



009EDF



915CFF

Rectangle

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



F5271F



A07900



009EDF



008CFF

Sweetspot

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



F5271F



FFBFBD



F51FEE



805958



000000



808080

Same Dimension

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



F5271F



FF0A00



F5911F



7A6F6E



BA0700



3B0200

Inverse Universe

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



1FEDF5



00F5FF



1F83F5



6E7A7A



00B3BA



00383B

Previews

White Background



This preview shows how the Hex color F5271F looks on a white background.

Color Contrast Check

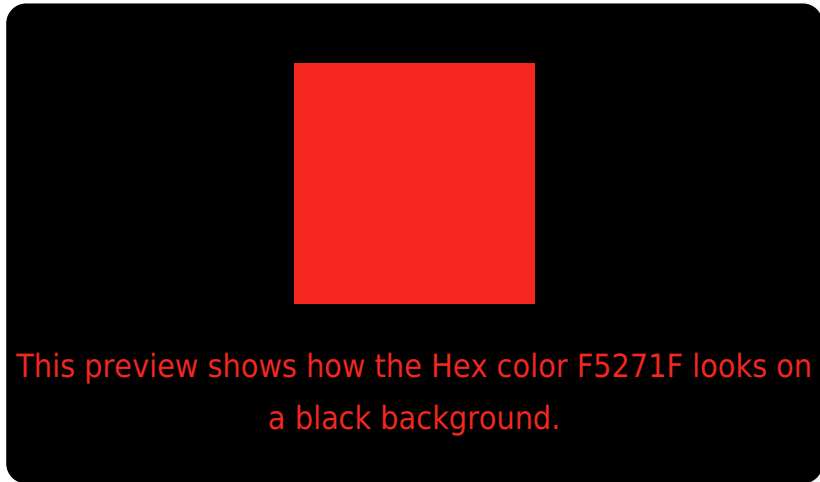
Large Text (above 18pt) WCAG AA ✓ Pass

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 F5271F Background



This preview shows how black text looks on a background with the Hex color F5271F.



This preview shows how white text looks on a background with the Hex color F5271F.

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
F5271F

Protanopia
8D7F33

Deuteranopia
A07800



Tritanopia
F52624

Trichromacy



Original Color
F5271F

Protanomaly
B35F2C

Deuteranomaly
BF5B0B

Tritanomaly
F52622

Monochromacy



Original Color
F5271F

Achromatopsia
646464

Achromatomaly
994E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex F5271F 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 #F5271F looks like.

```
.text, #text, p{  
    color:#F5271F  
}
```

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 #F5271F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5271F
}
```

Border

The CSS property to change the border of an element to Hex F5271F 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".

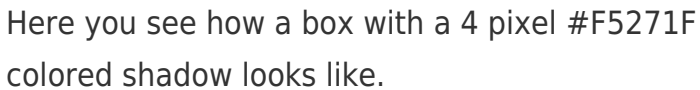
```
.border, #border, table{ border:4px solid
#F5271F }
```

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

```
.border{ border-color:#F5271F }
```

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

Here you see how a box with a 4 pixel #F5271F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5271F; -webkit-box-shadow:4px 4px  
4px 4px #F5271F; box-shadow:4px 4px 4px  
4px #F5271F }
```

Background

The CSS property to change the background color of an element to Hex F5271F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5271F }
```

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

```
.background{ background-color:#F5271F }
```

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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