

Converting Colors

Hex(F71938)

Have a look what the booklet for
Hex(F71938) contains.

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Color

Hex(F71938)

Conversions

Conversions Part 1

Format	Color
Hex	F71938
RGB	247, 25, 56
RGB Percent	97%, 10%, 22%
CMY	0.0314, 0.9020, 0.7804
CMYK	0.00, 0.90, 0.77, 0.03
HSL	352°, 93%, 53%
HSV	352°, 90%, 97%
XYZ	39.4192, 20.7549, 5.6699
YIQ	94.9120, 122.3610, 56.7050

Conversions

Conversions Part 2

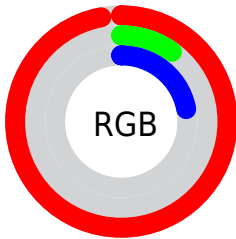
Format	Color
R_{YB}	247, 25, 56
Decimal	16193848
CIE Lab	52.68, 76.84, 43.73
CIE LCh	53, 88.409, 29.645
Yxy	20.7549, 0.5987, 0.3152
Android (android.graphics.Color)	4294383928 (0xFFFF71938)
YUV	94.9120, -19.1836, 133.3812
Hunter-Lab	45.5576, 74.7233, 24.5114

Details

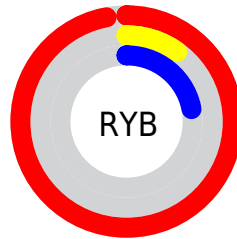
The Hex color **F71938** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **19F7D8**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6667**, and **B5000E** is the 20% darker color. If you saturate the color by 10%, you get **F70023**, and if you desaturate by 10%, it is **F7324D**.

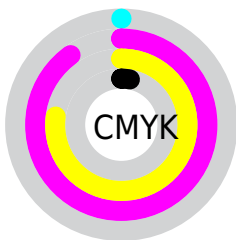
Distribution



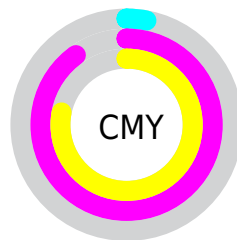
- Red (97%)
- Green (10%)
- Blue (22%)



- Red (97%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (90%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color F71938 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 F71938 by changing the saturation by 10% instead.

 F71938

 F71938

FFFFFF

 D60022

 FF6667

 B5000E

 FF8581

 950000

 FFA39B

 740001

 FFC1B6

 550003

 FFDFD2

 360002

 FFFDEE

 060000

 000000

 F71938

 F71938

 F70023

 F7324D

 F70022

 F74A63

 F76378

 F77C8D

 F794A2

 F7ADB8

 F7C6CD

 F7DFE2

 F7F7F7

Harmonies

Analogous

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



FB0082



F71938



D35800

Triad

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



F71938



009826



0089FF

Complementary

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



F71938



19F7D8

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.



0098FF



F71938



009C7B

Square

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



F71938



4C8E00



009DC8



6969FF

Rectangle

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



F71938



AF7100



009DC8



008FFF

Sweetspot

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



F71938



FFBAC4



D619F7



80575C



000000



808080

Same Dimension

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



F71938



FF0024



F76719



7A6E70



BA001A



3B0008

Inverse Universe

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



F71938



FF0024



19A9F7



7A6E70



BA001A



3B0008

Previews

White Background



This preview shows how the Hex color F71938 looks on a white background.

Color Contrast Check

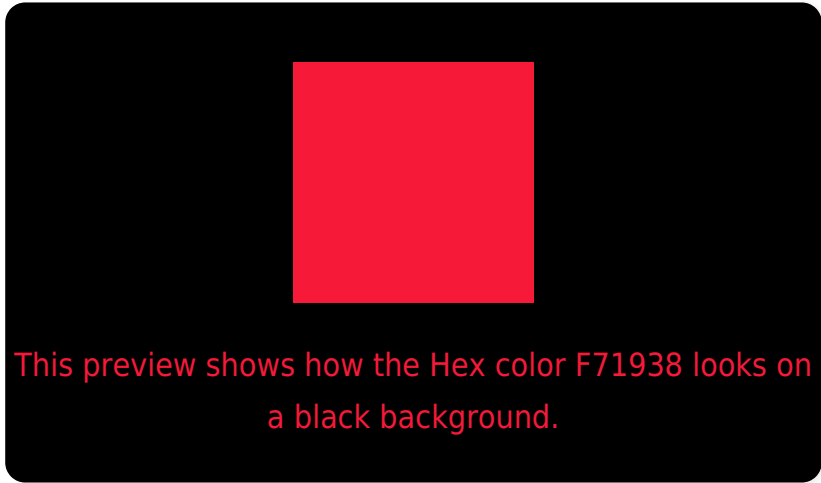
Large Text (above 18pt) WCAG AA ✓ Pass

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 F71938 Background



This preview shows how black text looks on a background with the Hex color F71938.



This preview shows how white text looks on a background with the Hex color F71938.

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
F71938

Protanopia
897E54

Deuteranopia
9E7829



Tritanopia
F6201B

Trichromacy



Original Color
F71938



Protanomaly
B1594A



Deuteranomaly
BE552E



Tritanomaly
F61D26

Monochromacy



Original Color
F71938



Achromatopsia
5F5F5F



Achromatomaly
964651

CSS Examples

Text

The CSS property to change the color of the text to Hex F71938 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 #F71938 looks like.

```
.text, #text, p{  
    color:#F71938  
}
```

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 #F71938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F71938
}
```

Border

The CSS property to change the border of an element to Hex F71938 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".

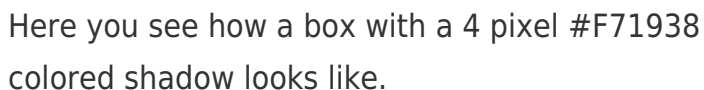
```
.border, #border, table{ border:4px solid
#F71938 }
```

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

```
.border{ border-color:#F71938 }
```

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

Here you see how a box with a 4 pixel #F71938 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F71938; -webkit-box-shadow:4px 4px  
4px 4px #F71938; box-shadow:4px 4px 4px  
4px #F71938 }
```

Background

The CSS property to change the background color of an element to Hex F71938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F71938 }
```

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

```
.background{ background-color:#F71938 }
```

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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