

Converting Colors

Hex(F0338C)

Have a look what the booklet for
Hex(F0338C) contains.

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Color

Hex(F0338C)

Conversions

Conversions Part 1

Format	Color
Hex	F0338C
RGB	240, 51, 140
RGB Percent	94%, 20%, 55%
CMY	0.0588, 0.8000, 0.4510
CMYK	0.00, 0.79, 0.42, 0.06
HSL	332°, 86%, 57%
HSV	332°, 79%, 94%
XYZ	41.8526, 22.7864, 27.0033
YIQ	117.6570, 84.0750, 67.7470

Conversions

Conversions Part 2

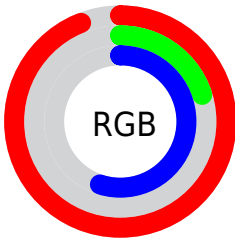
Format	Color
R_{YB}	240, 51, 140
Decimal	15741836
CIE _{Lab}	54.85, 75.00, -3.50
CIE _{LCh}	55, 75.079, 357.330
Yxy	22.7864, 0.4567, 0.2486
Android (android.graphics.Color)	4293931916 (0xFFFF0338C)
YUV	117.6570, 11.0151, 107.2948
Hunter-Lab	47.7351, 72.9669, -0.1252

Details

The Hex color **F0338C** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **33F097**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF74C1**, and **B2005A** is the 20% darker color. If you saturate the color by 10%, you get **F01B7F**, and if you desaturate by 10%, it is **F04B99**.

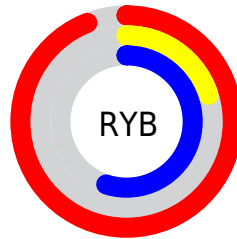
Distribution



Red (94%)

Green (20%)

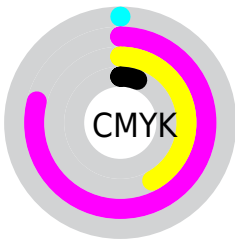
Blue (55%)



Red (94%)

Yellow (20%)

Blue (55%)

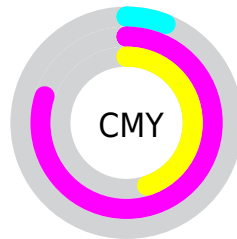


Cyan (0%)

Magenta (79%)

Yellow (42%)

Black (6%)



Cyan (6%)

Magenta (80%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0338C 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 F0338C by changing the saturation by 10% instead.

 F0338C

 F0338C

FFFFFF

 D10073

 FF74C1

 B2005A

 FF92DD

 940043

 FFB0FA

 76002D

 FFCEFF

 580019

 FFECFF

 3C0003

 150000

 000000

 F0338C

 F0338C

 F01B7F

 F04B99

 F00373

 F063A5

 F00071

 F07BB2

 F093BF

 F0ABCB

 F0C3D8

 F0DBE5

 F0F3F2

 F0FFFE

Harmonies

Analogous

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



CA51CB



F0338C



F0404C

Triad

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



F0338C



649100



009BF1

Complementary

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



F0338C



33F097

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.



009FBE



F0338C



009B37

Square

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



F0338C



A47F00



009F7B



008DFF

Rectangle

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



F0338C



E05722



009F7B



009DE2

Sweetspot

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



F0338C



FFC2DF



9533F0



805B6C



000000



808080

Same Dimension

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



F0338C



FF0D7F



F03633



786C72



B80056



38001A

Inverse Universe

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



F0338C



FF0D7F



33EDF0



786C72



B80056



38001A

Previews

White Background



This preview shows how the Hex color F0338C looks on a white background.

Color Contrast Check

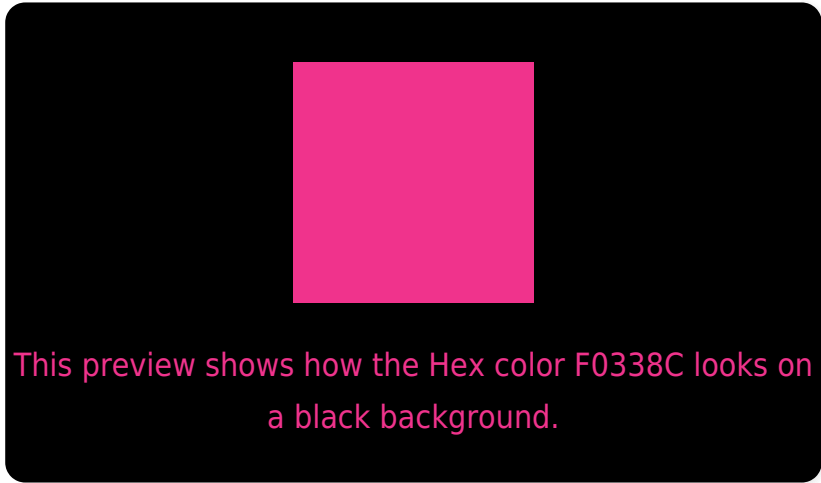
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0338C Background



This preview shows how black text looks on a background with the Hex color F0338C.



This preview shows how white text looks on a background with the Hex color F0338C.

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



Trichromacy



Original Color
F0338C



Protanomaly
9F65AB



Deuteranomaly
B46386

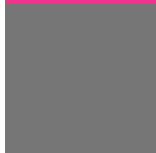


Tritanomaly
ED4062

Monochromacy



Original Color
F0338C



Achromatopsia
767676



Achromatomaly
A25E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex F0338C 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 #F0338C looks like.

```
.text, #text, p{  
    color:#F0338C  
}
```

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 #F0338C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0338C
}
```

Border

The CSS property to change the border of an element to Hex F0338C is called "border". The border property can be set on classes, ids or directly on the HTML element.

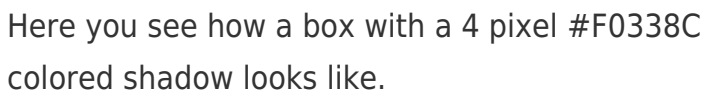
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0338C }
```

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

```
.border{ border-color:#F0338C }
```

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



Here you see how a box with a 4 pixel #F0338C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0338C; -webkit-box-shadow:4px 4px  
4px 4px #F0338C; box-shadow:4px 4px 4px  
4px #F0338C }
```

Background

The CSS property to change the background color of an element to Hex F0338C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0338C }
```

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

```
.background{ background-color:#F0338C }
```

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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