

Converting Colors

Hex(F839CB)

Have a look what the booklet for
Hex(F839CB) contains.

Hex(F839CB)	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(F839CB)

Conversions

Conversions Part 1

Format	Color
Hex	F839CB
RGB	248, 57, 203
RGB Percent	97%, 22%, 80%
CMY	0.0275, 0.7765, 0.2039
CMYK	0.00, 0.77, 0.18, 0.03
HSL	314°, 93%, 60%
HSV	314°, 77%, 97%
XYZ	50.9540, 27.1945, 59.0634
YIQ	130.7530, 66.9700, 85.8980

Conversions

Conversions Part 2

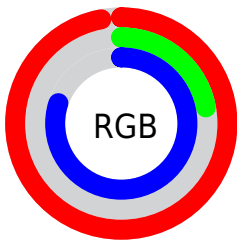
Format	Color
R _Y B	248, 57, 203
Decimal	16267723
CIE Lab	59.15, 82.24, -33.54
CIE LCh	59, 88.813, 337.816
Yxy	27.1945, 0.3714, 0.1982
Android (android.graphics.Color)	4294457803 (0xFFFF839CB)
YUV	130.7530, 35.6178, 102.8256
Hunter-Lab	52.1484, 83.1522, -30.6482

Details

The Hex color **F839CB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **39F866**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF7BFF**, and **BB0094** is the 20% darker color. If you saturate the color by 10%, you get **F820C5**, and if you desaturate by 10%, it is **F852D1**.

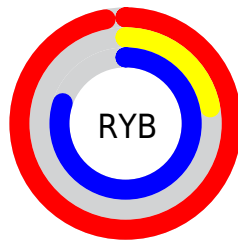
Distribution



Red (97%)

Green (22%)

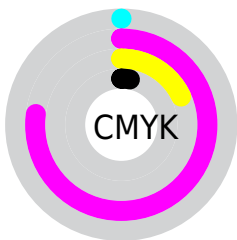
Blue (80%)



Red (97%)

Yellow (22%)

Blue (80%)

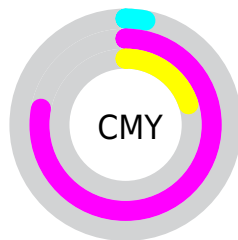


Cyan (0%)

Magenta (77%)

Yellow (18%)

Black (3%)



Cyan (3%)

Magenta (78%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color F839CB 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 F839CB by changing the saturation by 10% instead.

 F839CB

 F839CB

FFFFFF

 D900AF

 FF7BFF

 BB0094

 FF9AFF

 9D007A

 FFB8FF

 800061

 FFD6FF

 630049

 FFF5FF

 480032

 2A001C

 000000

 F839CB

 F839CB

 F820C5

 F852D1

 F807BF

 F86BD7

 F800BE

 F883DD

 F89CE2

 F8B5E8

 F8CEEE

 F8E7F4

 F8FFFA

 F8FFFF

Harmonies

Analogous

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



A56EFF



F839CB



FF0E7E

Triad

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



F839CB



9A9200



00AEED

Complementary

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



F839CB



39F866

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.



00AFA2



F839CB



3FA300

Square

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



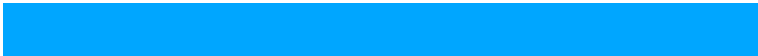
F839CB



DA7400



00AC4F



00A6FF

Rectangle

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



F839CB



FF334B



00AC4F



00AFD6

Sweetspot

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



F839CB



FFC4F1



6639F8



805C77



000000



808080

Same Dimension

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



F839CB



FF14C8



F8396C



7D707A



BD0090



3D002F

Inverse Universe

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



F839CB



FF14C8



39F8C5



7D707A



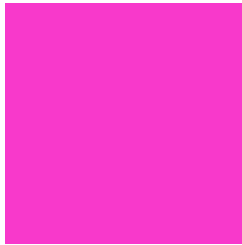
BD0090



3D002F

Previews

White Background



This preview shows how the Hex color F839CB 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

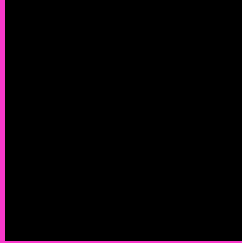
Any Text WCAG AA ✓ Pass

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 F839CB Background



This preview shows how black text looks on a background with the Hex color F839CB.



This preview shows how white text looks on a background with the Hex color F839CB.

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
F839CB



Protanomaly
926DEC



Deuteranomaly
AC6EC4



Tritanomaly
F25089

Monochromacy



Original Color
F839CB



Achromatopsia
838383



Achromatomaly
AE689D

CSS Examples

Text

The CSS property to change the color of the text to Hex F839CB 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 #F839CB looks like.

```
.text, #text, p{  
    color:#F839CB  
}
```

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 #F839CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F839CB
}
```

Border

The CSS property to change the border of an element to Hex F839CB 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
#F839CB }
```

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

```
.border{ border-color:#F839CB }
```

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

Here you see how a box with a 4 pixel #F839CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F839CB; -webkit-box-shadow:4px 4px  
4px 4px #F839CB; box-shadow:4px 4px 4px  
4px #F839CB }
```

Background

The CSS property to change the background color of an element to Hex F839CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F839CB }
```

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

```
.background{ background-color:#F839CB }
```

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