

# Converting Colors

Hex(F83989)

Have a look what the booklet for  
Hex(F83989) contains.

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**Color**

**Hex(F83989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F83989
RGB	248, 57, 137
RGB Percent	97%, 22%, 54%
CMY	0.0275, 0.7765, 0.4627
CMYK	0.00, 0.77, 0.45, 0.03
HSL	335°, 93%, 60%
HSV	335°, 77%, 97%
XYZ	44.6899, 24.6889, 26.0769
YIQ	123.2290, 88.1560, 65.3720

# Conversions

## Conversions Part 2

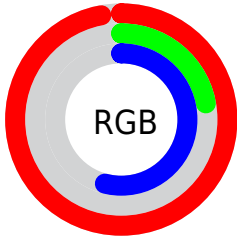
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 57, 137
Decimal	16267657
CIE <sub>Lab</sub>	56.77, 75.13, 1.27
CIE <sub>LCh</sub>	57, 75.143, 0.965
Yxy	24.6889, 0.4682, 0.2586
Android (android.graphics.Color)	4294457737 (0xFF83989)
YUV	123.2290, 6.7891, 109.4242
Hunter-Lab	49.6879, 73.5913, 3.6653

# Details

The Hex color **F83989** 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 **39F8A8**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF79BE**, and **BA0057** is the 20% darker color. If you saturate the color by 10%, you get **F8207B**, and if you desaturate by 10%, it is **F85297**.

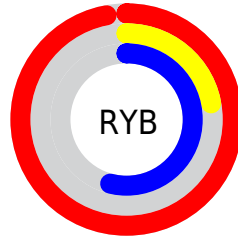
# Distribution



Red (97%)

Green (22%)

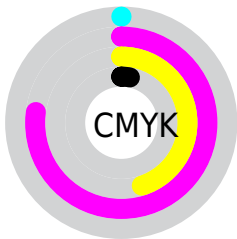
Blue (54%)



Red (97%)

Yellow (22%)

Blue (54%)

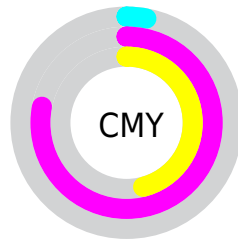


Cyan (0%)

Magenta (77%)

Yellow (45%)

Black (3%)



Cyan (3%)

Magenta (78%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F83989 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 F83989 by changing the saturation by 10% instead.



 F83989

 F83989

FFFFFF

 D90070

 FF79BE

 BA0057

 FF97DA

 9B0040

 FFB5F6

 7D002B

 FFD3FF

 5E0017

 FFF1FF

 420003

 200001

 000000

 F83989

 F83989

 F8207B

 F85297

 F8076C

 F86BA6

 F80068

 F883B4

 F89CC3

 F8B5D1

 F8CEDF

 F8E7EE

 F8FFFC

 F8FFFF

# Harmonies

## Analogous

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



D752C9



F83989



F44A49

# Triad

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



F83989



609700



009FFB

# Complementary

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



F83989



39F8A8

# 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.



00A5CA



F83989



00A144

# Square

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



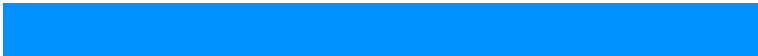
F83989



A28600



00A589



0090FF

# Rectangle

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



F83989



E2601E



00A589



00A2EE



# Sweetspot

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



F83989



FFC4DD



A539F8



805C6B



000000



808080



# Same Dimension

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



F83989



FF1477



F84639



7D7076



BD004F



3D001A



# Inverse Universe

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



F83989



FF1477



39EBF8



7D7076



BD004F



3D001A



# Previews

## White Background



This preview shows how the Hex color F83989 looks on a white background.

## Color Contrast Check

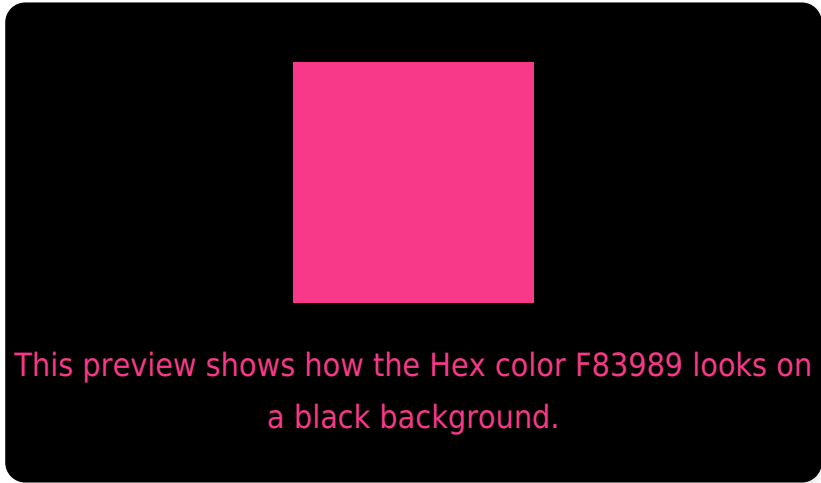
Large Text (above 18pt) WCAG AA ✓ Pass

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 F83989 Background



This preview shows how black text looks on a background with the Hex color F83989.



This preview shows how white text looks on a background with the Hex color F83989.

# 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





**Tritanopia**  
F4494D

# Trichromacy



**Original Color**  
F83989



**Protanomaly**  
A86BA6



**Deuteranomaly**  
BC6983



**Tritanomaly**  
F54363

# Monochromacy



**Original Color**  
F83989



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
A86380

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F83989 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 #F83989 looks like.

```
.text, #text, p{  
    color:#F83989  
}
```

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 #F83989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F83989
}
```

## Border

The CSS property to change the border of an element to Hex F83989 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
#F83989 }
```

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

```
.border{ border-color:#F83989 }
```

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

Here you see how a box with a 4 pixel #F83989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F83989; -webkit-box-shadow:4px 4px  
4px 4px #F83989; box-shadow:4px 4px 4px  
4px #F83989 }
```

# Background

The CSS property to change the background color of an element to Hex F83989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F83989 }
```

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

```
.background{ background-color:#F83989 }
```

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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