

Converting Colors

Hex(FF89EA)

Have a look what the booklet for
Hex(FF89EA) contains.

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Color

Hex(F89EA)

Conversions

Conversions Part 1

Format	Color
Hex	FF89EA
RGB	255, 137, 234
RGB Percent	100%, 54%, 92%
CMY	0.0000, 0.4627, 0.0824
CMYK	0.00, 0.46, 0.08, 0.00
HSL	311°, 100%, 77%
HSV	311°, 46%, 100%
XYZ	65.0369, 45.0918, 83.1177
YIQ	183.3400, 39.1910, 55.1830

Conversions

Conversions Part 2

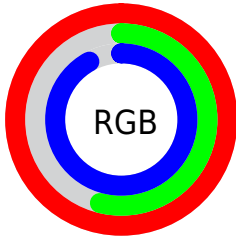
Format	Color
R _Y B	255, 137, 234
Decimal	16746986
CIE Lab	72.95, 57.18, -29.42
CIE LCh	73, 64.308, 332.776
Yxy	45.0918, 0.3365, 0.2333
Android (android.graphics.Color)	4294937066 (0xFFFF89EA)
YUV	183.3400, 24.9754, 62.8458
Hunter-Lab	67.1505, 55.3686, -26.3828

Details

The Hex color **FF89EA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89FF9E**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFC1FF**, and **C452B2** is the 20% darker color. If you saturate the color by 10%, you get **FF70E5**, and if you desaturate by 10%, it is **FFA3EF**.

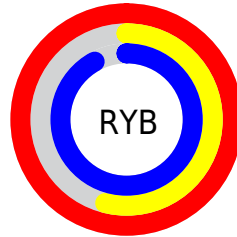
Distribution



Red (100%)

Green (54%)

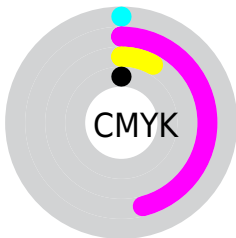
Blue (92%)



Red (100%)

Yellow (54%)

Blue (92%)

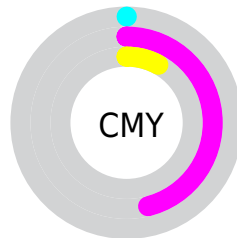


Cyan (0%)

Magenta (46%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF89EA 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 FF89EA by changing the saturation by 10% instead.

 FF89EA

 FF89EA

FFFFFF

 E16DCE

 FFC1FF

 C452B2

 FFDEFF

 A73697

 FFFCFF

 8B147D

 700064

 55004B

 3C0034

 21001F

 000000

 FF89EA

 FF89EA

 FF70E5

 FFA3EF

 FF56E1

 FFBCF3

 FF3CDC

 FFD6F8

 FF23D8

 FFEFFC

 FF09D3

FFFFFF

 FF00D2

Harmonies

Analogous

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



BCA1FF



FF89EA



FF7DB0

Triad

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



FF89EA



CEB233



00CEF1

Complementary

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



FF89EA



89FF9E

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.



00D0B7



FF89EA



91C249

Square

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



FF89EA



FD9C49



33CC7B



00C7FF

Rectangle

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



FF89EA



FF8189



33CC7B



00CFDF

Sweetspot

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



FF89EA



FFDBF9



9D89FF



806A7C



000000



808080

Same Dimension

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



FF89EA



FF70E6



FF89B0



80737D



BF009D



400034

Inverse Universe

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



FF89EA



FF70E6



89FFD8



80737D



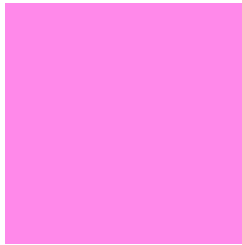
BF009D



400034

Previews

White Background



This preview shows how the Hex color FF89EA looks on a white background.

Color Contrast Check

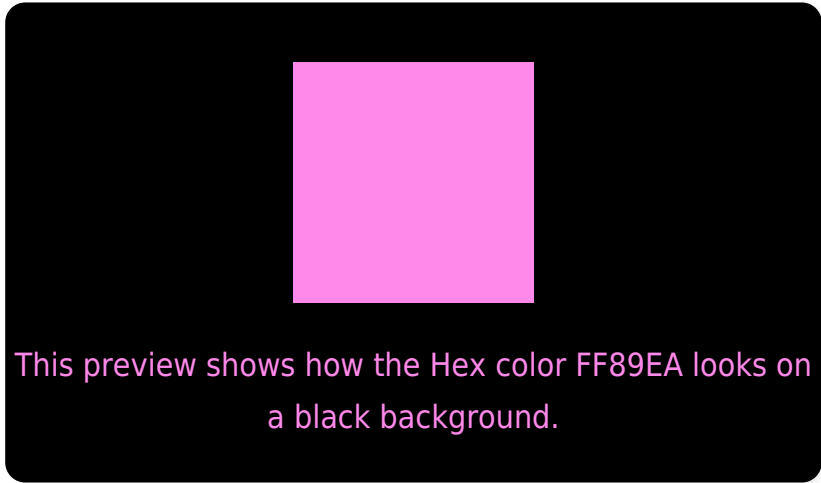
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF89EA Background



This preview shows how black text looks on a background with the Hex color FF89EA.



This preview shows how white text looks on a background with the Hex color FF89EA.

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
F798A4

Trichromacy



Original Color
FF89EA



Protanomaly
BFA2F7



Deuteranomaly
CAA2E6



Tritanomaly
FA93BD

Monochromacy



Original Color
FF89EA



Achromatopsia
B7B7B7



Achromatomaly
D1A6CA

CSS Examples

Text

The CSS property to change the color of the text to Hex FF89EA 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 #FF89EA looks like.

```
.text, #text, p{  
    color:#FF89EA  
}
```

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 #FF89EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF89EA
}
```

Border

The CSS property to change the border of an element to Hex FF89EA 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
#FF89EA }
```

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

```
.border{ border-color:#FF89EA }
```

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

Here you see how a box with a 4 pixel #FF89EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF89EA; -webkit-box-shadow:4px 4px  
4px 4px #FF89EA; box-shadow:4px 4px 4px  
4px #FF89EA }
```

Background

The CSS property to change the background color of an element to Hex FF89EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF89EA }
```

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

```
.background{ background-color:#FF89EA }
```

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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