

Converting Colors

Hex(FF3B8E)

Have a look what the booklet for
Hex(FF3B8E) contains.

| | |
|--|----|
| Hex(FF3B8E) | 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(F3B8E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF3B8E |
| RGB | 255, 59, 142 |
| RGB Percent | 100%, 23%, 56% |
| CMY | 0.0000, 0.7686, 0.4431 |
| CMYK | 0.00, 0.77, 0.44, 0.00 |
| HSL | 335°, 100%, 62% |
| HSV | 335°, 77%, 100% |
| XYZ | 47.6864, 26.3409, 28.1621 |
| YIQ | 127.0660, 90.1730, 67.3650 |

Conversions

Conversions Part 2

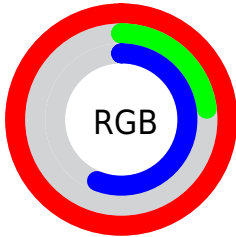
| Format | Color |
|-------------------------------------|--|
| RYB | 255, 59, 142 |
| Decimal | 16726926 |
| CIELab | 58.36, 76.79, 0.78 |
| CIELCh | 58, 76.793, 0.580 |
| Yxy | 26.3409, 0.4666, 0.2578 |
| Android (android.graphics.Color) | 4294917006 (0xFFFF3B8E) |
| YUV | 127.0660, 7.3625, 112.1981 |
| Hunter-Lab | 51.3234, 76.0349, 3.3928 |

Details

The Hex color **FF3B8E** 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 **3BFFAC**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7CC3**, and **C0005C** is the 20% darker color. If you saturate the color by 10%, you get **FF217F**, and if you desaturate by 10%, it is **FF559D**.

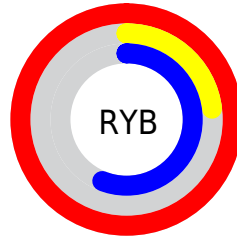
Distribution



Red (100%)

Green (23%)

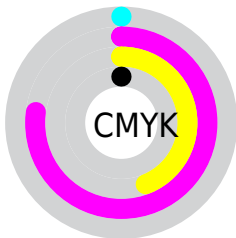
Blue (56%)



Red (100%)

Yellow (23%)

Blue (56%)

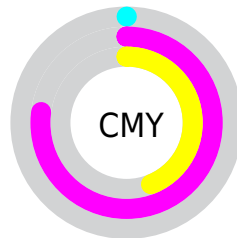


Cyan (0%)

Magenta (77%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3B8E 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 FF3B8E by changing the saturation by 10% instead.

 FF3B8E

 FF3B8E

FFFFFF

 DF0275

 FF7CC3

 C0005C

 FF9ADF

 A20045

 FFB8FC

 83002F

 FFD6FF

 65001B

 FFF4FF

 490004

 280001

 000000

 FF3B8E

 FF3B8E

 FF217F

 FF559D

 FF0871

 FF6EAB

 FF006C

 FF88BA

 FFA1C9

 FFBBD8

 FFD4E6

 FFEEF5

FFFFFF

Harmonies

Analogous

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



DC55D0



FF3B8E



FC4C4C

Triad

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



FF3B8E



649C00



00A4FF

Complementary

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



FF3B8E



3BFFAC

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.



00A9CF



FF3B8E



00A545

Square

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



FF3B8E



A88A00



00AA8C



0095FF

Rectangle

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



FF3B8E



E96320



00AA8C



00A6F4

Sweetspot

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



FF3B8E



FFC4DD



AA3BFF



805C6B



000000



808080

Same Dimension

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



FF3B8E



FF1478



FF483B



807378



BF0051



40001B

Inverse Universe

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



FF3B8E



FF1478



3BF2FF



807378



BF0051



40001B

Previews

White Background



This preview shows how the Hex color FF3B8E looks on a white background.

Color Contrast Check

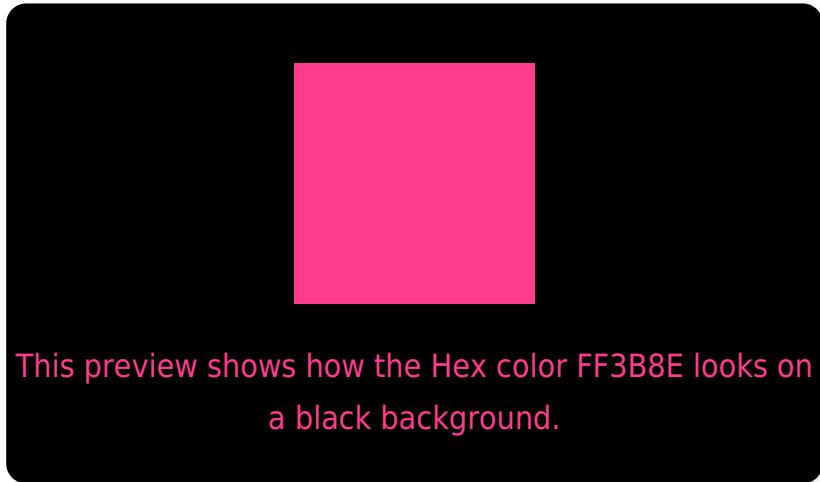
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3B8E Background



This preview shows how black text looks on a background with the Hex color FF3B8E.



This preview shows how white text looks on a background with the Hex color FF3B8E.

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
FF3B8E



Protanomaly
AD6EAD



Deuteranomaly
C16C88



Tritanomaly
FC4667

Monochromacy



Original Color
FF3B8E



Achromatopsia
7F7F7F



Achromatomaly
AE6684

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3B8E 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 #FF3B8E looks like.

```
.text, #text, p{  
    color:#FF3B8E  
}
```

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 #FF3B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3B8E
}
```

Border

The CSS property to change the border of an element to Hex FF3B8E 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
#FF3B8E }
```

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

```
.border{ border-color:#FF3B8E }
```

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

Here you see how a box with a 4 pixel #FF3B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3B8E; -webkit-box-shadow:4px 4px  
4px 4px #FF3B8E; box-shadow:4px 4px 4px  
4px #FF3B8E }
```

Background

The CSS property to change the background color of an element to Hex FF3B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3B8E }
```

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

```
.background{ background-color:#FF3B8E }
```

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