

# Converting Colors

Hex(FF3A8D)

Have a look what the booklet for  
Hex(FF3A8D) contains.

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**Color**

**Hex(F3A8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF3A8D
RGB	255, 58, 141
RGB Percent	100%, 23%, 55%
CMY	0.0000, 0.7725, 0.4471
CMYK	0.00, 0.77, 0.45, 0.00
HSL	335°, 100%, 61%
HSV	335°, 77%, 100%
XYZ	47.5608, 26.2092, 27.7515
YIQ	126.3650, 90.7690, 67.5770

# Conversions

## Conversions Part 2

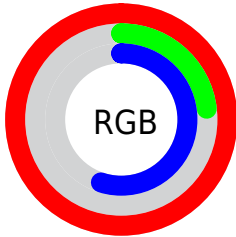
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 58, 141
Decimal	16726669
CIE <sub>Lab</sub>	58.24, 76.98, 1.19
CIE <sub>LCh</sub>	58, 76.984, 0.883
Yxy	26.2092, 0.4685, 0.2582
Android (android.graphics.Color)	4294916749 (0xFFFF3A8D)
YUV	126.3650, 7.2151, 112.8129
Hunter-Lab	51.1949, 76.2378, 3.6969

# Details

The Hex color **FF3A8D** 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 **3AFFAC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7BC2**, and **C0005B** is the 20% darker color. If you saturate the color by 10%, you get **FF207E**, and if you desaturate by 10%, it is **FF539C**.

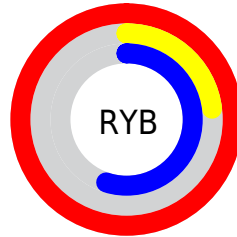
# Distribution



Red (100%)

Green (23%)

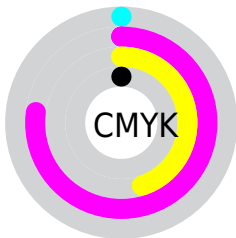
Blue (55%)



Red (100%)

Yellow (23%)

Blue (55%)

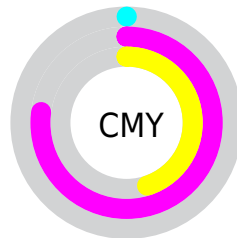


Cyan (0%)

Magenta (77%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3A8D 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 FF3A8D by changing the saturation by 10% instead.



 FF3A8D

 FF3A8D

FFFFFF

 DF0074

 FF7BC2

 C0005B

 FF99DE

 A10044

 FFB7FB

 83002E

 FFD5FF

 64001A

 FFF3FF

 480004

 280001

 000000

 FF3A8D

 FF3A8D

 FF207E

 FF539C

 FF076F

 FF6DAB

 FF006B

 FF86B9

 FFA0C8

 FFB9D7

 FFD3E6

 FFECF4

FFFFFF

# Harmonies

## Analogous

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



DD54CF



FF3A8D



FB4C4B

# Triad

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



FF3A8D



639C00



00A3FF

# Complementary

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



FF3A8D



3AFFAC

# 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.



00A9D0



FF3A8D



00A545

# Square

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



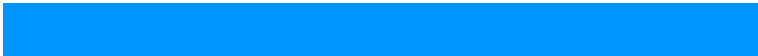
FF3A8D



A78A00



00A98C



0094FF

# Rectangle

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



FF3A8D



E8631F



00A98C



00A6F4



# Sweetspot

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



FF3A8D



FFC4DD



AA3AFF



805C6B



000000



808080



# Same Dimension

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



FF3A8D



FF1276



FF473A



807378



BF0051



40001B



# Inverse Universe

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



FF3A8D



FF1276



3AF2FF



807378



BF0051



40001B



# Previews

## White Background



This preview shows how the Hex color FF3A8D looks on a white background.

## Color Contrast Check

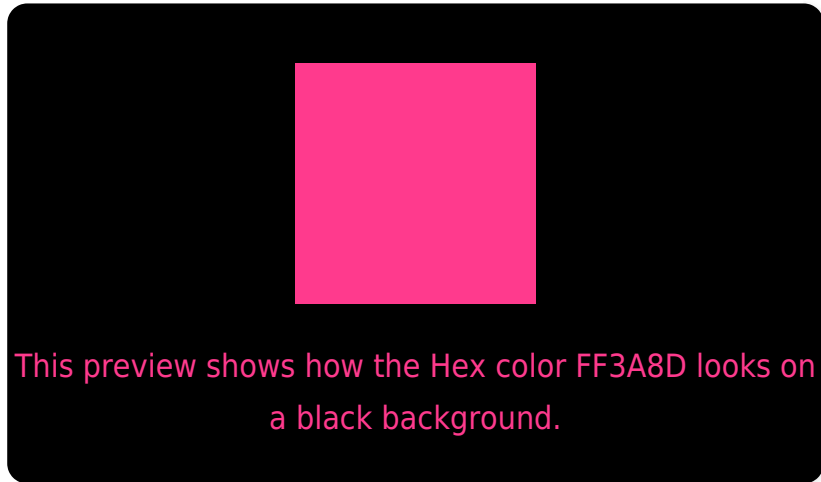
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3A8D Background



This preview shows how black text looks on a background with the Hex color FF3A8D.



This preview shows how white text looks on a background with the Hex color FF3A8D.

# 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**  
FB4B4F

# Trichromacy



**Original Color**  
FF3A8D



**Protanomaly**  
AD6EAC



**Deuteranomaly**  
C16B87



**Tritanomaly**  
FC4566

# Monochromacy



**Original Color**  
FF3A8D



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
AD6583

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3A8D 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 #FF3A8D looks like.

```
.text, #text, p{  
    color:#FF3A8D  
}
```

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 #FF3A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3A8D
}
```

## Border

The CSS property to change the border of an element to Hex FF3A8D 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
#FF3A8D }
```

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

```
.border{ border-color:#FF3A8D }
```

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

Here you see how a box with a 4 pixel #FF3A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3A8D; -webkit-box-shadow:4px 4px  
4px 4px #FF3A8D; box-shadow:4px 4px 4px  
4px #FF3A8D }
```

# Background

The CSS property to change the background color of an element to Hex FF3A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3A8D }
```

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

```
.background{ background-color:#FF3A8D }
```

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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