

Converting Colors

Hex(FF3F80)

Have a look what the booklet for
Hex(FF3F80) contains.

Hex(FF3F80)	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(F3F80)

Conversions

Conversions Part 1

Format	Color
Hex	FF3F80
RGB	255, 63, 128
RGB Percent	100%, 25%, 50%
CMY	0.0000, 0.7529, 0.4980
CMYK	0.00, 0.75, 0.50, 0.00
HSL	340°, 100%, 62%
HSV	340°, 75%, 100%
XYZ	46.9138, 26.3735, 23.0400
YIQ	127.8180, 93.5670, 60.9190

Conversions

Conversions Part 2

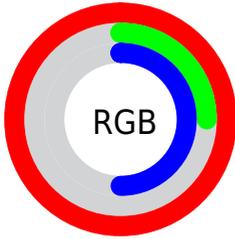
Format	Color
R_{YB}	255, 63, 128
Decimal	16727936
CIE _{Lab}	58.39, 74.50, 9.08
CIE _{LCh}	58, 75.051, 6.948
Yxy	26.3735, 0.4870, 0.2738
Android (android.graphics.Color)	4294918016 (0xFFFF3F80)
YUV	127.8180, 0.0897, 111.5386
Hunter-Lab	51.3552, 73.1912, 9.3487

Details

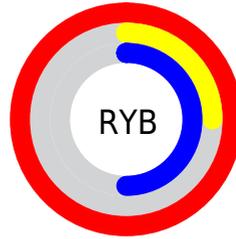
The Hex color **FF3F80** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **3FFFBE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF7EB5**, and **C0004F** is the 20% darker color. If you saturate the color by 10%, you get **FF256F**, and if you desaturate by 10%, it is **FF5991**.

Distribution



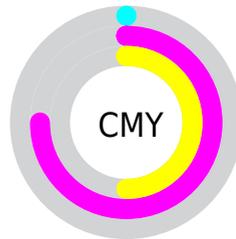
- Red (100%)
- Green (25%)
- Blue (50%)



- Red (100%)
- Yellow (25%)
- Blue (50%)



- Cyan (0%)
- Magenta (75%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3F80 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 FF3F80 by changing the saturation by 10% instead.

 FF3F80

 FF3F80

FFFFFF

 DF1067

 FF7EB5

 C0004F

 FF9CD0

 A10039

 FFBAEC

 820024

 FFD8FF

 64000E

 FFF6FF

 470004

 260001

 000000

 FF3F80

 FF3F80

 FF256F

 FF5991

 FF0C5E

 FF72A2

 FF0056

 FF8CB3

 FFA5C3

 FFBFD4

 FFD8E5

 FFF2F6

FFFFFF

Harmonies

Analogous

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



E550C1



FF3F80



F55541

Triad

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



FF3F80



549E03



00A1FF

Complementary

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



FF3F80



3FFFBE

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.



00A8DA



FF3F80



00A656

Square

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



FF3F80



9B8F00



00AA9A



0090FF

Rectangle

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



FF3F80



DF6B13



00AA9A



00A4FB

Sweetspot

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



FF3F80



FFC4D8



BC3FFF



805C68



000000



808080

Same Dimension

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



FF3F80



FF1967



FF5C3F



807377



BF0041



400016

Inverse Universe

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



FF3F80



FF1967



3FE2FF



807377



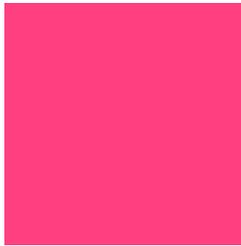
BF0041



400016

Previews

White Background



This preview shows how the Hex color FF3F80 looks on a white background.

Color Contrast Check

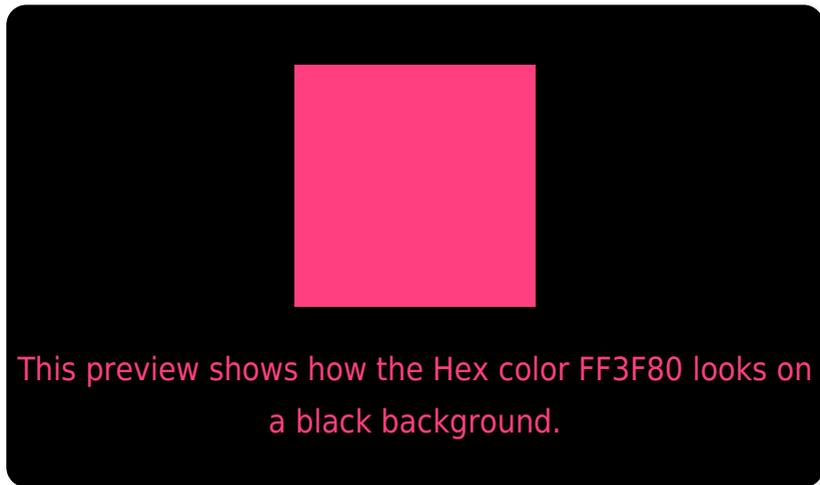
Large Text (above 18pt) WCAG AA ✓ Pass

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

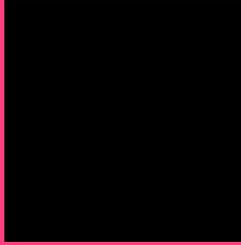
Any Text WCAG AA ✓ Pass

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 FF3F80 Background



This preview shows how black text looks on a background with the Hex color FF3F80.



This preview shows how white text looks on a background with the Hex color FF3F80.

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



Original Color
FF3F80

Protanopia
868BAA

Deuteranopia
A28777



Tritanopia
FC4B4F

Trichromacy



Original Color
FF3F80



Protanomaly
B26F9B



Deuteranomaly
C46D7A



Tritanomaly
FD4761

Monochromacy



Original Color
FF3F80



Achromatopsia
808080



Achromatomaly
AE6880

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3F80 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 #FF3F80 looks like.

```
.text, #text, p{  
    color:#FF3F80  
}
```

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 #FF3F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3F80
}
```

Border

The CSS property to change the border of an element to Hex FF3F80 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
#FF3F80 }
```

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

```
.border{ border-color:#FF3F80 }
```

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

Here you see how a box with a 4 pixel #FF3F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3F80; -webkit-box-shadow:4px 4px  
4px 4px #FF3F80; box-shadow:4px 4px 4px  
4px #FF3F80 }
```

Background

The CSS property to change the background color of an element to Hex FF3F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3F80 }
```

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

```
.background{ background-color:#FF3F80 }
```

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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