

# Converting Colors

Hex(FF4F80)

Have a look what the booklet for  
Hex(FF4F80) contains.

<b>Hex(FF4F80)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F4F80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4F80
RGB	255, 79, 128
RGB Percent	100%, 31%, 50%
CMY	0.0000, 0.6902, 0.4980
CMYK	0.00, 0.69, 0.50, 0.00
HSL	343°, 100%, 65%
HSV	343°, 69%, 100%
XYZ	47.9323, 28.4105, 23.3795
YIQ	137.2100, 89.1670, 52.5510

# Conversions

## Conversions Part 2

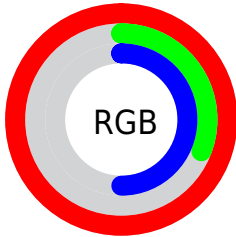
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 79, 128
Decimal	16732032
CIE <sub>Lab</sub>	60.26, 69.29, 11.72
CIE <sub>LCh</sub>	60, 70.271, 9.598
Yxy	28.4105, 0.4807, 0.2849
Android (android.graphics.Color)	4294922112 (0xFFFF4F80)
YUV	137.2100, -4.5405, 103.3018
Hunter-Lab	53.3015, 67.2416, 11.3048

# Details

The Hex color **FF4F80** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **4FFFCE**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF8BB5**, and **C0004F** is the 20% darker color. If you saturate the color by 10%, you get **FF366E**, and if you desaturate by 10%, it is **FF6992**.

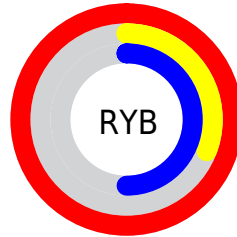
# Distribution



Red (100%)

Green (31%)

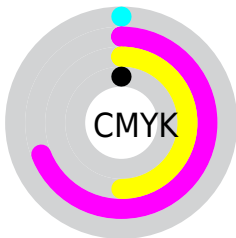
Blue (50%)



Red (100%)

Yellow (31%)

Blue (50%)

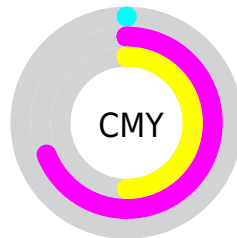


Cyan (0%)

Magenta (69%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF4F80 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 FF4F80 by changing the saturation by 10% instead.



 FF4F80

 FF4F80

FFFFFF

 E02D67

 FF8BB5

 C0004F

 FFA8D0

 A20039

 FFC5EC

 830024

 FFE3FF

 65000F

 490004

 280001

 000000

 FF4F80

 FF4F80

 FF366E

 FF6992

 FF1C5B

 FF82A5

 FF0349

 FF9CB7

 FF0047

 FFB5CA

 FFCFDC

 FFE8EE

FFFFFF

# Harmonies

## Analogous

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



EA5ABE



FF4F80



F46245

# Triad

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



FF4F80



57A325



00A4FF

# Complementary

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



FF4F80



4FFFCE

# 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.



00ACDF



FF4F80



00AB63

# Square

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



FF4F80



9C9500



00AEA4



0092FF

# Rectangle

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



FF4F80



DE751F



00AEA4



00A7FC



# Sweetspot

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



FF4F80



FFC9D8



CD4FFF



806068



000000



808080



# Same Dimension

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



FF4F80



FF2B66



FF754F



807376



BF0035



400012



# Inverse Universe

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



FF4F80



FF2B66



4FD9FF



807376



BF0035



400012



# Previews

## White Background



This preview shows how the Hex color FF4F80 looks on a white background.

## Color Contrast Check

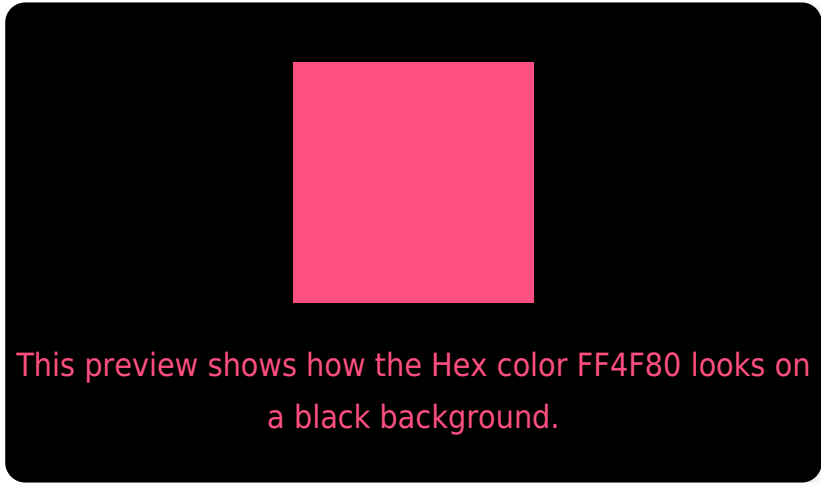
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF4F80 Background



This preview shows how black text looks on a background with the Hex color FF4F80.

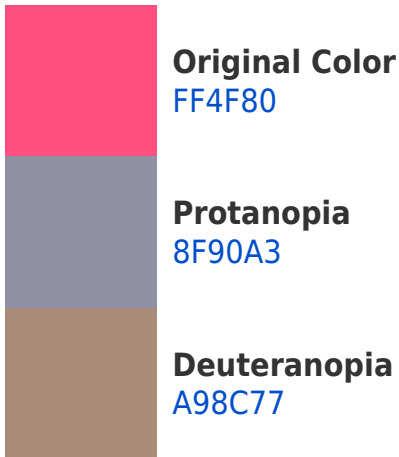


This preview shows how white text looks on a background with the Hex color FF4F80.

# Color Blindness Simulation

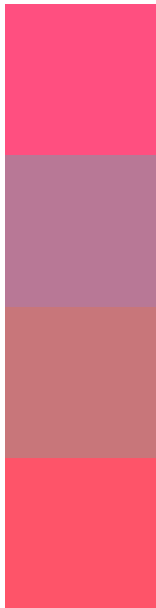
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
FF4F80

**Protanomaly**  
B87896

**Deuteranomaly**  
C8767A

**Tritanomaly**  
FE5469

# Monochromacy



**Original Color**  
FF4F80

**Achromatopsia**  
898989

**Achromatomaly**  
B47486

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF4F80 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 #FF4F80 looks like.

```
.text, #text, p{  
    color:#FF4F80  
}
```

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 #FF4F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4F80
}
```

## Border

The CSS property to change the border of an element to Hex FF4F80 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
#FF4F80 }
```

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

```
.border{ border-color:#FF4F80 }
```

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

Here you see how a box with a 4 pixel #FF4F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4F80; -webkit-box-shadow:4px 4px  
4px 4px #FF4F80; box-shadow:4px 4px 4px  
4px #FF4F80 }
```

# Background

The CSS property to change the background color of an element to Hex FF4F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4F80 }
```

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

```
.background{ background-color:#FF4F80 }
```

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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