

# Converting Colors

Hex(FF6B80)

Have a look what the booklet for  
Hex(FF6B80) contains.

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# **Color**

**Hex(F66B80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6B80
RGB	255, 107, 128
RGB Percent	100%, 42%, 50%
CMY	0.0000, 0.5804, 0.4980
CMYK	0.00, 0.58, 0.50, 0.00
HSL	351°, 100%, 71%
HSV	351°, 58%, 100%
XYZ	50.3940, 33.3339, 24.2001
YIQ	153.6460, 81.4670, 37.9070

# Conversions

## Conversions Part 2

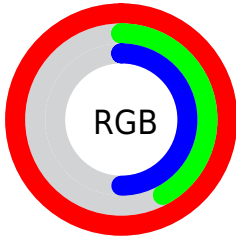
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 107, 128
Decimal	16739200
CIE Lab	64.43, 58.00, 17.53
CIE LCh	64, 60.592, 16.812
Yxy	33.3339, 0.4669, 0.3089
Android (android.graphics.Color)	4294929280 (0xFFFF6B80)
YUV	153.6460, -12.6435, 88.8875
Hunter-Lab	57.7355, 54.7651, 15.5632

# Details

The Hex color **FF6B80** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6BFFEA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA3B5**, and **C1314F** is the 20% darker color. If you saturate the color by 10%, you get **FF526A**, and if you desaturate by 10%, it is **FF8596**.

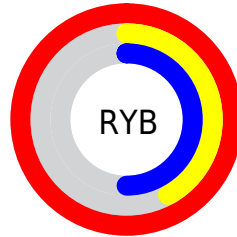
# Distribution



Red (100%)

Green (42%)

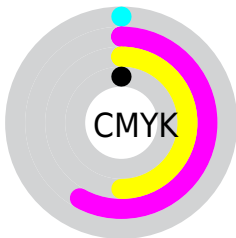
Blue (50%)



Red (100%)

Yellow (42%)

Blue (50%)

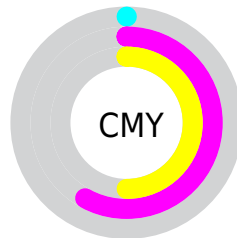


Cyan (0%)

Magenta (58%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6B80 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 FF6B80 by changing the saturation by 10% instead.



 FF6B80

 FF6B80

FFFFFF

 E04F67

 FFA3B5

 C1314F

 FFC0D0

 A30738

 FFDDEC

 850023

 FFFAFF

 67000F

 4A0001

 2E0002

 000000

 FF6B80

 FF6B80

■ FF526A

■ FF8596

■ FF3854

■ FF9EAC

■ FF1F3E

■ FFB8C2

■ FF0528

■ FFD1D8

■ FF0024

■ FFEBED

FFFFFF

# Harmonies

## Analogous

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



F26DB6



FF6B80



F07B4F

# Triad

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



FF6B80



5CAF4E



00A9FF

# Complementary

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



FF6B80



6BFFEA

# 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.



00B3EA



FF6B80



00B582

# Square

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



FF6B80



9CA329



00B6BA



7098FF

# Rectangle

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



FF6B80



DA8A35



00B6BA



00ADFF



# Sweetspot

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



FF6B80



FFD4DA



E96BFF



80666A



000000



808080



# Same Dimension

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



FF6B80



FF4D66



FF9F6B



807375



BF001B



400009



# Inverse Universe

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



FF6B80



FF4D66



6BCBFF



807375



BF001B



400009



# Previews

## White Background



This preview shows how the Hex color FF6B80 looks on a white background.

## Color Contrast Check

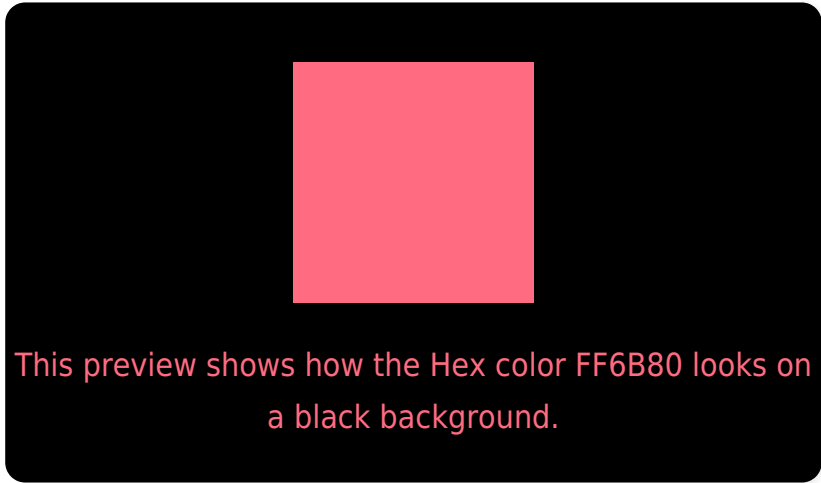
Large Text (above 18pt) WCAG AA × Fail

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 FF6B80 Background



This preview shows how black text looks on a background with the Hex color FF6B80.



This preview shows how white text looks on a background with the Hex color FF6B80.

# 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](#).

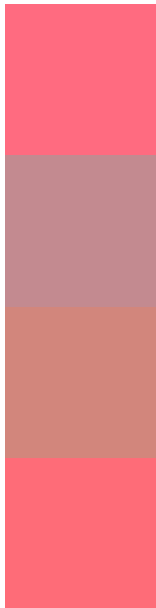
## Dichromacy





**Tritanopia**  
FE6D74

# Trichromacy



**Original Color**  
FF6B80

**Protanomaly**  
C38A90

**Deuteranomaly**  
D2867C

**Tritanomaly**  
FE6C78

# Monochromacy



**Original Color**  
FF6B80

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
BF8991

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6B80 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 #FF6B80 looks like.

```
.text, #text, p{  
    color:#FF6B80  
}
```

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 #FF6B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B80
}
```

## Border

The CSS property to change the border of an element to Hex FF6B80 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
#FF6B80 }
```

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

```
.border{ border-color:#FF6B80 }
```

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

Here you see how a box with a 4 pixel #FF6B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B80; -webkit-box-shadow:4px 4px  
4px 4px #FF6B80; box-shadow:4px 4px 4px  
4px #FF6B80 }
```

# Background

The CSS property to change the background color of an element to Hex FF6B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B80 }
```

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

```
.background{ background-color:#FF6B80 }
```

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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