

# Converting Colors

Hex(FF6B78)

Have a look what the booklet for  
Hex(FF6B78) contains.

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# **Color**

**Hex(F6B78)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6B78
RGB	255, 107, 120
RGB Percent	100%, 42%, 47%
CMY	0.0000, 0.5804, 0.5294
CMYK	0.00, 0.58, 0.53, 0.00
HSL	355°, 100%, 71%
HSV	355°, 58%, 100%
XYZ	49.8879, 33.1315, 21.5349
YIQ	152.7340, 84.0350, 35.4190

# Conversions

## Conversions Part 2

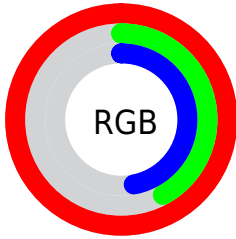
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 107, 120
Decimal	16739192
CIE <sub>Lab</sub>	64.27, 57.35, 21.87
CIE <sub>LCh</sub>	64, 61.373, 20.871
Yxy	33.1315, 0.4771, 0.3169
Android (android.graphics.Color)	4294929272 (0xFFFF6B78)
YUV	152.7340, -16.1379, 89.6873
Hunter-Lab	57.5599, 53.9781, 18.1098

# Details

The Hex color **FF6B78** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6BFFF2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA3AC**, and **C13148** is the 20% darker color. If you saturate the color by 10%, you get **FF5261**, and if you desaturate by 10%, it is **FF858F**.

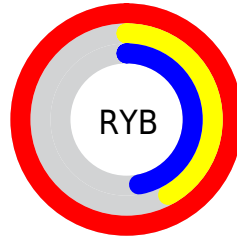
# Distribution



Red (100%)

Green (42%)

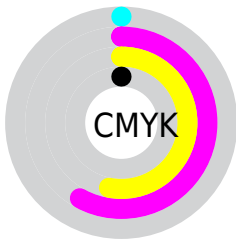
Blue (47%)



Red (100%)

Yellow (42%)

Blue (47%)

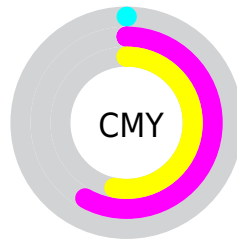


Cyan (0%)

Magenta (58%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6B78 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 FF6B78 by changing the saturation by 10% instead.



 FF6B78

 FF6B78

FFFFFF

 E04F5F

 FFA3AC

 C13148

 FFC0C7

 A20931

 FFDDE3

 84001D

 FFFAFF

 670004

 490001

 2D0001

 000000

 FF6B78

 FF6B78

■ FF5261

■ FF858F

■ FF3849

■ FF9EA7

■ FF1F32

■ FFB8BE

■ FF051B

■ FFD1D5

■ FF0016

■ FFEBEC

FFFFFF

# Harmonies

## Analogous

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



F76AAF



FF6B78



ED7D48

# Triad

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



FF6B78



4FAF53



00A7FF

# Complementary

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



FF6B78



6BFFF2

# 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.



00B2F0



FF6B78



00B589

# Square

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



FF6B78



93A42A



00B6C1



7E94FF

# Rectangle

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



FF6B78



D58C2F



00B6C1



00ABFF



# Sweetspot

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



FF6B78



FFD4D7



F06BFF



806668



000000



808080



# Same Dimension

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



FF6B78



FF4D5C



FFA66B



807374



BF0011



400006



# Inverse Universe

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



FF6B78



FF4D5C



6BC4FF



807374



BF0011



400006



# Previews

## White Background



This preview shows how the Hex color FF6B78 looks on a white background.

## Color Contrast Check

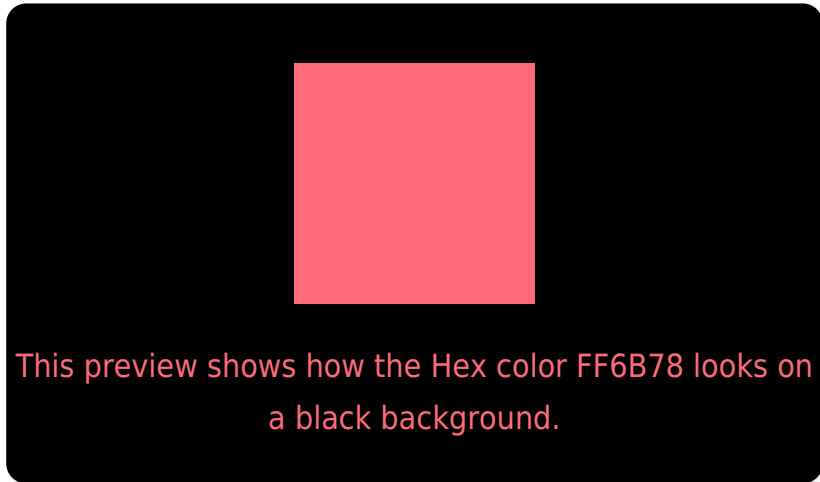
Large Text (above 18pt) WCAG AA × Fail

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 FF6B78 Background



This preview shows how black text looks on a background with the Hex color FF6B78.



This preview shows how white text looks on a background with the Hex color FF6B78.

# 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**  
FF6C73

# Trichromacy



**Original Color**  
FF6B78



**Protanomaly**  
C48A87



**Deuteranomaly**  
D28674



**Tritanomaly**  
FF6C75

# Monochromacy



**Original Color**  
FF6B78



**Achromatopsia**  
999999



**Achromatomaly**  
BE888D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6B78 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 #FF6B78 looks like.

```
.text, #text, p{  
    color:#FF6B78  
}
```

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 #FF6B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6B78
}
```

## Border

The CSS property to change the border of an element to Hex FF6B78 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
#FF6B78 }
```

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

```
.border{ border-color:#FF6B78 }
```

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

Here you see how a box with a 4 pixel #FF6B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6B78; -webkit-box-shadow:4px 4px  
4px 4px #FF6B78; box-shadow:4px 4px 4px  
4px #FF6B78 }
```

# Background

The CSS property to change the background color of an element to Hex FF6B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6B78 }
```

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

```
.background{ background-color:#FF6B78 }
```

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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