

# Converting Colors

Hex(FF6F90)

Have a look what the booklet for  
Hex(FF6F90) contains.

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**Color**

**Hex(F66F90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6F90
RGB	255, 111, 144
RGB Percent	100%, 44%, 56%
CMY	0.0000, 0.5647, 0.4353
CMYK	0.00, 0.56, 0.44, 0.00
HSL	346°, 100%, 72%
HSV	346°, 56%, 100%
XYZ	51.9585, 34.6425, 30.3337
YIQ	157.8180, 75.2310, 40.7910

# Conversions

## Conversions Part 2

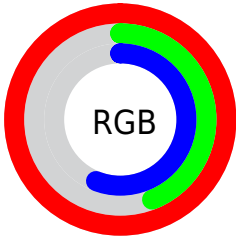
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 111, 144
Decimal	16740240
CIE <sub>Lab</sub>	65.47, 57.67, 9.84
CIE <sub>LCh</sub>	65, 58.503, 9.685
Yxy	34.6425, 0.4443, 0.2963
Android (android.graphics.Color)	4294930320 (0xFFFF6F90)
YUV	157.8180, -6.8123, 85.2286
Hunter-Lab	58.8579, 54.5747, 10.6441

# Details

The Hex color **FF6F90** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6FFFDE**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA7C6**, and **C2365E** is the 20% darker color. If you saturate the color by 10%, you get **FF567C**, and if you desaturate by 10%, it is **FF89A4**.

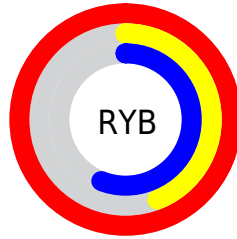
# Distribution



Red (100%)

Green (44%)

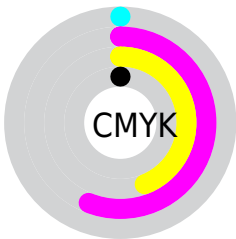
Blue (56%)



Red (100%)

Yellow (44%)

Blue (56%)

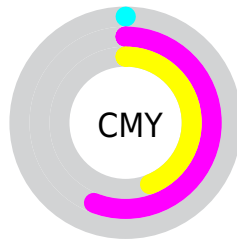


Cyan (0%)

Magenta (56%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6F90 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 FF6F90 by changing the saturation by 10% instead.



 FF6F90

 FF6F90

FFFFFF

 E05376

 FFA7C6

 C2365E

 FFC4E2

 A41146

 FFE1FE

 860030

FFFEFF

 69001C

 4D0001

 310002

 000000

 FF6F90

 FF6F90

■ FF567C

■ FF89A4

■ FF3C69

■ FFA2B7

■ FF2255

■ FFBCCB

■ FF0941

■ FFD5DF

■ FF003A

■ FFEFF2

FFFFFF

# Harmonies

## Analogous

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



EC76C5



FF6F90



F67B5F

# Triad

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



FF6F90



73AF49



00AEFF

# Complementary

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



FF6F90



6FFFDE

# 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.



00B6E1



FF6F90



00B679

# Square

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



FF6F90



ABA22E



00B9AF



599FFF

# Rectangle

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



FF6F90



E48844



00B9AF



00B2F9



# Sweetspot

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



FF6F90



FFD4DE



DD6FFF



80666C



000000



808080



# Same Dimension

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



FF6F90



FF5279



FF956F



807376



BF002C



40000F



# Inverse Universe

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



FF6F90



FF5279



6FD9FF



807376



BF002C

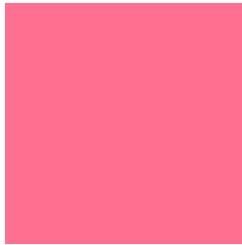


40000F



# Previews

## White Background



This preview shows how the Hex color FF6F90 looks on a white background.

## Color Contrast Check

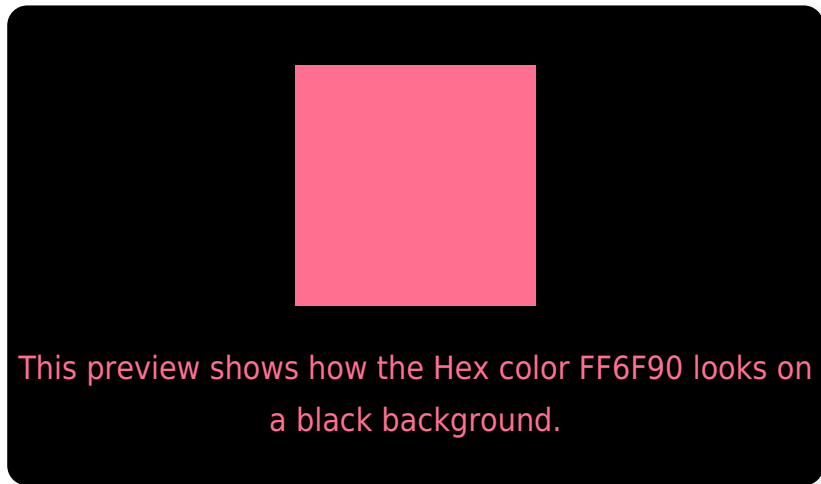
Large Text (above 18pt) WCAG AA × Fail

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 FF6F90 Background



This preview shows how black text looks on a background with the Hex color FF6F90.

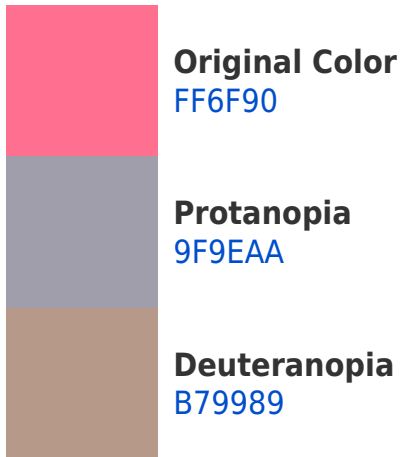


This preview shows how white text looks on a background with the Hex color FF6F90.

# 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](#).

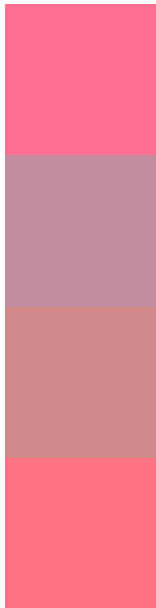
## Dichromacy





**Tritanopia**  
FD737B

# Trichromacy



**Original Color**  
FF6F90

**Protanomaly**  
C28DA1

**Deuteranomaly**  
D18A8C

**Tritanomaly**  
FE7283

# Monochromacy



**Original Color**  
FF6F90

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
C18D99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6F90 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 #FF6F90 looks like.

```
.text, #text, p{  
    color:#FF6F90  
}
```

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 #FF6F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6F90
}
```

## Border

The CSS property to change the border of an element to Hex FF6F90 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
#FF6F90 }
```

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

```
.border{ border-color:#FF6F90 }
```

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

Here you see how a box with a 4 pixel #FF6F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6F90; -webkit-box-shadow:4px 4px  
4px 4px #FF6F90; box-shadow:4px 4px 4px  
4px #FF6F90 }
```

# Background

The CSS property to change the background color of an element to Hex FF6F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6F90 }
```

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

```
.background{ background-color:#FF6F90 }
```

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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