

Converting Colors

Hex(FF6C99)

Have a look what the booklet for
Hex(FF6C99) contains.

Hex(FF6C99)	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(F66C99)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C99
RGB	255, 108, 153
RGB Percent	100%, 42%, 60%
CMY	0.0000, 0.5765, 0.4000
CMYK	0.00, 0.58, 0.40, 0.00
HSL	342°, 100%, 71%
HSV	342°, 58%, 100%
XYZ	52.3523, 34.2850, 33.9954
YIQ	157.0830, 73.1670, 45.1590

Conversions

Conversions Part 2

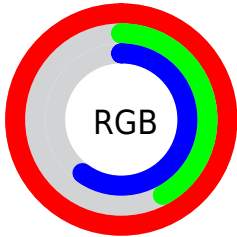
Format	Color
R _Y B	255, 108, 153
Decimal	16739481
CIE Lab	65.19, 59.91, 4.30
CIE LCh	65, 60.065, 4.105
Yxy	34.2850, 0.4340, 0.2842
Android (android.graphics.Color)	4294929561 (0xFFFF6C99)
YUV	157.0830, -2.0129, 85.8732
Hunter-Lab	58.5534, 57.1275, 6.5644

Details

The Hex color **FF6C99** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6CFFD2**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA4CF**, and **C23266** is the 20% darker color. If you saturate the color by 10%, you get **FF5387**, and if you desaturate by 10%, it is **FF86AB**.

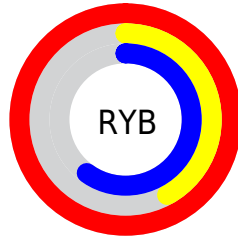
Distribution



Red (100%)

Green (42%)

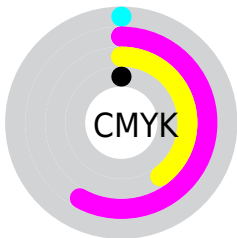
Blue (60%)



Red (100%)

Yellow (42%)

Blue (60%)

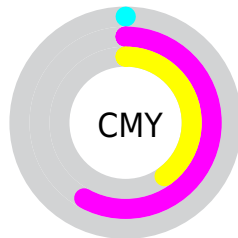


Cyan (0%)

Magenta (58%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6C99 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 FF6C99 by changing the saturation by 10% instead.

 FF6C99

 FF6C99

FFFFFF

 E0507F

 FFA4CF

 C23266

 FFC1EB

 A4064E

 FFDEFF

 870038

 FFFCFF

 6A0023

 4D000C

 310002

 000000

 FF6C99

 FF6C99

■ FF5387

■ FF86AB

■ FF3976

■ FF9FBC

■ FF2064

■ FFB9CE

■ FF0652

■ FFD2E0

■ FF004E

■ FFECEF

FFFFFF

Harmonies

Analogous

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



E577CE



FF6C99



FB7565

Triad

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



FF6C99



7CAC3F



00B0FE

Complementary

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



FF6C99



6CFFD2

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.



00B7D9



FF6C99



1CB56D

Square

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



FF6C99



B49E28



00B8A4



2DA2FF

Rectangle

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



FF6C99



EB8347



00B8A4



00B3F5

Sweetspot

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



FF6C99



FFD4E1



D06CFF



80666E



000000



808080

Same Dimension

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



FF6C99



FF4F85



FF876C



807377



BF003B



400014

Inverse Universe

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



FF6C99



FF4F85



6CE4FF



807377



BF003B



400014

Previews

White Background



This preview shows how the Hex color FF6C99 looks on a white background.

Color Contrast Check

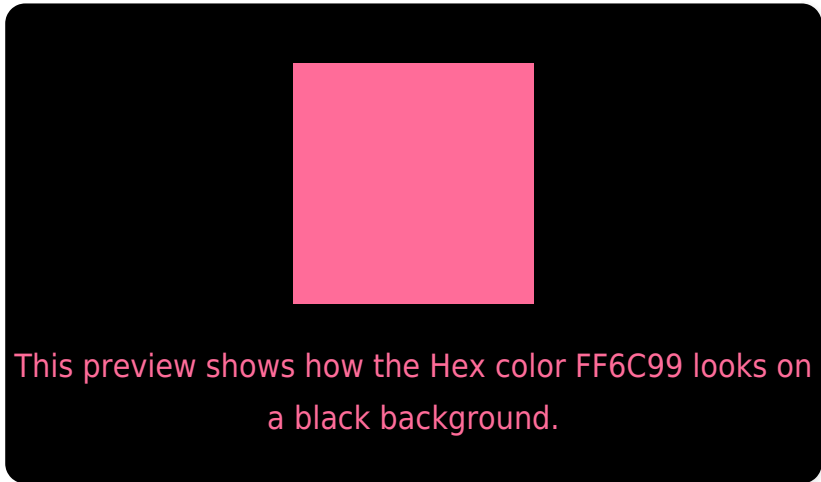
Large Text (above 18pt) WCAG AA × Fail

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 FF6C99 Background



This preview shows how black text looks on a background with the Hex color FF6C99.



This preview shows how white text looks on a background with the Hex color FF6C99.

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
FF6C99



Protanomaly
BF8BAB



Deuteranomaly
CF8995

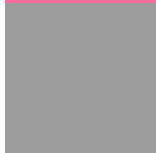


Tritanomaly
FE7085

Monochromacy



Original Color
FF6C99



Achromatopsia
9D9D9D



Achromatomaly
C18B9C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6C99 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 #FF6C99 looks like.

```
.text, #text, p{  
    color:#FF6C99  
}
```

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 #FF6C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6C99
}
```

Border

The CSS property to change the border of an element to Hex FF6C99 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
#FF6C99 }
```

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

```
.border{ border-color:#FF6C99 }
```

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

Here you see how a box with a 4 pixel #FF6C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6C99; -webkit-box-shadow:4px 4px  
4px 4px #FF6C99; box-shadow:4px 4px 4px  
4px #FF6C99 }
```

Background

The CSS property to change the background color of an element to Hex FF6C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6C99 }
```

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

```
.background{ background-color:#FF6C99 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor