

# Converting Colors

Hex(FF649F)

Have a look what the booklet for  
Hex(FF649F) contains.

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**Color**

**Hex(F6649F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF649F
RGB	255, 100, 159
RGB Percent	100%, 39%, 62%
CMY	0.0000, 0.6078, 0.3765
CMYK	0.00, 0.61, 0.38, 0.00
HSL	337°, 100%, 70%
HSV	337°, 61%, 100%
XYZ	52.0552, 32.8775, 36.4033
YIQ	153.0710, 73.4410, 51.2090

# Conversions

## Conversions Part 2

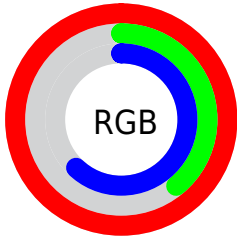
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 100, 159
Decimal	16737439
CIE Lab	64.06, 63.99, -0.77
CIE LCh	64, 63.995, 359.307
Yxy	32.8775, 0.4290, 0.2710
Android (android.graphics.Color)	4294927519 (0xFFFF649F)
YUV	153.0710, 2.9230, 89.3917
Hunter-Lab	57.3389, 61.7081, 2.4953

# Details

The Hex color **FF649F** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **64FFC4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF9DD6**, and **C2256C** is the 20% darker color. If you saturate the color by 10%, you get **FF4B8F**, and if you desaturate by 10%, it is **FF7DAF**.

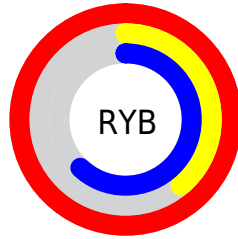
# Distribution



Red (100%)

Green (39%)

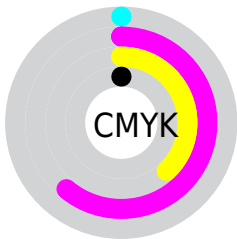
Blue (62%)



Red (100%)

Yellow (39%)

Blue (62%)

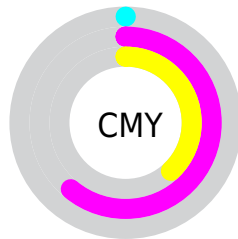


Cyan (0%)

Magenta (61%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF649F 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 FF649F by changing the saturation by 10% instead.



 FF649F

 FF649F

FFFFFF

 E04785

 FF9DD6

 C2256C

 FFBAF2

 A40054

 FFD7FF

 86003D

 FFF5FF

 690027

 4D0012

 310002

 000000

 FF649F

 FF649F

 FF4B8F

 FF7DAF

 FF317F

 FF97BF

 FF1870

 FFB1CE

 FF0061

 FFCADE

 FFE3EE

 FFFDFE

 FFFFFFFF

# Harmonies

## Analogous

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



DF73D6



FF649F



FF6C67

# Triad

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



FF649F



81A82D



00B0FD

# Complementary

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



FF649F



64FFC4

# 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.



00B6D2



FF649F



23B25E

# Square

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



FF649F



B99818



00B698



00A2FF

# Rectangle

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



FF649F



F07A46



00B698



00B2F1



# Sweetspot

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



FF649F



FFD1E3



C464FF



80636E



000000



808080



# Same Dimension

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



FF649F



FF458C



FF7664



807378



BF0049



400018



# Inverse Universe

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



FF649F



FF458C



64EDFF



807378



BF0049



400018



# Previews

## White Background



This preview shows how the Hex color FF649F looks on a white background.

## Color Contrast Check

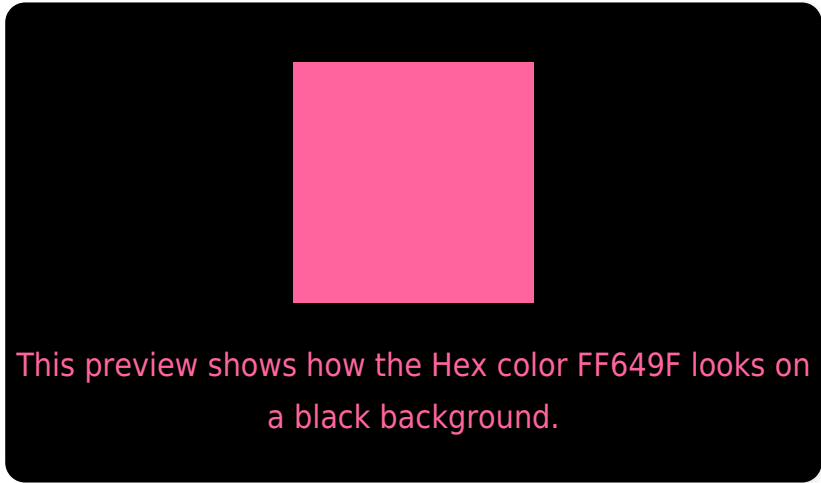
Large Text (above 18pt) WCAG AA × Fail

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 FF649F Background



This preview shows how black text looks on a background with the Hex color FF649F.




This preview shows how white text looks on a background with the Hex color FF649F.

# 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**  
FC6D74

# Trichromacy



**Original Color**  
FF649F



**Protanomaly**  
BA86B5



**Deuteranomaly**  
CA849A



**Tritanomaly**  
FD6A84

# Monochromacy



**Original Color**  
FF649F



**Achromatopsia**  
999999



**Achromatomaly**  
BE869B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF649F 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 #FF649F looks like.

```
.text, #text, p{  
    color:#FF649F  
}
```

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 #FF649F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF649F
}
```

## Border

The CSS property to change the border of an element to Hex FF649F 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
#FF649F }
```

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

```
.border{ border-color:#FF649F }
```

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

Here you see how a box with a 4 pixel #FF649F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF649F; -webkit-box-shadow:4px 4px  
4px 4px #FF649F; box-shadow:4px 4px 4px  
4px #FF649F }
```

# Background

The CSS property to change the background color of an element to Hex FF649F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF649F }
```

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

```
.background{ background-color:#FF649F }
```

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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