

# Converting Colors

Hex(FF79B9)

Have a look what the booklet for  
Hex(FF79B9) contains.

<b>Hex(FF79B9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F779B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF79B9
RGB	255, 121, 185
RGB Percent	100%, 47%, 73%
CMY	0.0000, 0.5255, 0.2745
CMYK	0.00, 0.53, 0.27, 0.00
HSL	331°, 100%, 74%
HSV	331°, 53%, 100%
XYZ	56.8343, 38.4375, 50.3226
YIQ	168.3620, 59.3200, 48.3120

# Conversions

## Conversions Part 2

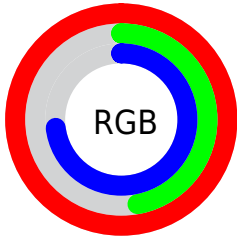
Format	Color
<b>R<sub>YB</sub></b>	255, 121, 185
Decimal	16742841
CIE <sub>Lab</sub>	68.34, 57.70, -9.21
CIE <sub>LCh</sub>	68, 58.427, 350.926
Yxy	38.4375, 0.3904, 0.2640
Android (android.graphics.Color)	4294932921 (0xFFFF79B9)
YUV	168.3620, 8.2025, 75.9815
Hunter-Lab	61.9980, 55.1366, -4.7260

# Details

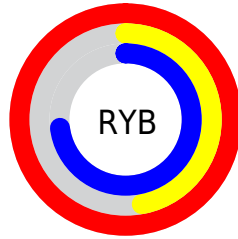
The Hex color **FF79B9** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79FFBF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB1F1**, and **C34184** is the 20% darker color. If you saturate the color by 10%, you get **FF60AC**, and if you desaturate by 10%, it is **FF93C6**.

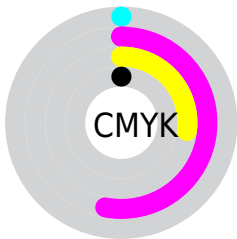
# Distribution



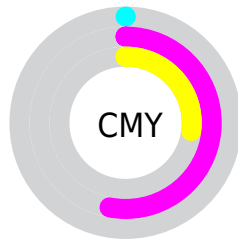
- Red (100%)
- Green (47%)
- Blue (73%)



- Red (100%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (53%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF79B9 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 FF79B9 by changing the saturation by 10% instead.



 FF79B9

 FF79B9

FFFFFF

 E15D9E

 FFB1F1

 C34184

 FFCEFF

 A6226B

 FFE8FF

 890053

 6D003C

 510026

 380011

 120000

 000000

 FF79B9

 FF79B9

 FF60AC

 FF93C6

 FF469E

 FFACD4

 FF2C91

 FFC5E1

 FF1384

 FFD FEE

 FF007A

 FFF9FC

FFFFFF

# Harmonies

## Analogous

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



D789EA



FF79B9



FF7A84

# Triad

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



FF79B9



A0AF3D



00BCF8

# Complementary

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



FF79B9



79FFBF

# 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.



00C0CB



FF79B9



60BA61

# Square

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



FF79B9



D19E39



00C094



00B1FF

# Rectangle

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



FF79B9



FE8364



00C094



00BEEB



# Sweetspot

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



FF79B9



FFD6EA



BE79FF



806773



000000



808080



# Same Dimension

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



FF79B9



FF5EAB



FF7B79



807379



BF005B



40001E



# Inverse Universe

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



FF79B9



FF5EAB



79FDFF



807379



BF005B



40001E



# Previews

## White Background



This preview shows how the Hex color FF79B9 looks on a white background.

## Color Contrast Check

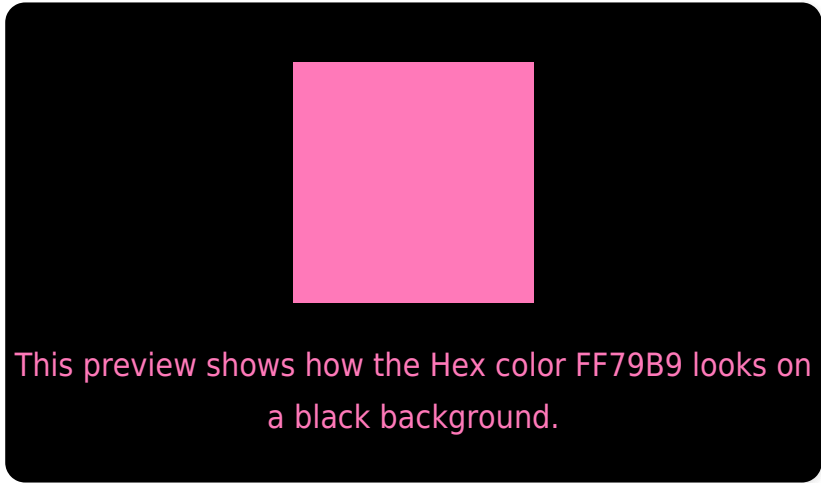
Large Text (above 18pt) WCAG AA × Fail

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 FF79B9 Background



This preview shows how black text looks on a background with the Hex color FF79B9.




This preview shows how white text looks on a background with the Hex color FF79B9.

# 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**  
FB828C

# Trichromacy



**Original Color**  
FF79B9



**Protanomaly**  
BF95CB



**Deuteranomaly**  
CE93B5



**Tritanomaly**  
FC7F9C

# Monochromacy



**Original Color**  
FF79B9



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C897AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF79B9 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 #FF79B9 looks like.

```
.text, #text, p{  
    color:#FF79B9  
}
```

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 #FF79B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF79B9
}
```

## Border

The CSS property to change the border of an element to Hex FF79B9 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
#FF79B9 }
```

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

```
.border{ border-color:#FF79B9 }
```

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

Here you see how a box with a 4 pixel #FF79B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF79B9; -webkit-box-shadow:4px 4px  
4px 4px #FF79B9; box-shadow:4px 4px 4px  
4px #FF79B9 }
```

# Background

The CSS property to change the background color of an element to Hex FF79B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF79B9 }
```

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

```
.background{ background-color:#FF79B9 }
```

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