

# Converting Colors

Hex(FF79CA)

Have a look what the booklet for  
Hex(FF79CA) contains.

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# **Color**

**Hex(F779CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF79CA
RGB	255, 121, 202
RGB Percent	100%, 47%, 79%
CMY	0.0000, 0.5255, 0.2078
CMYK	0.00, 0.53, 0.21, 0.00
HSL	324°, 100%, 74%
HSV	324°, 53%, 100%
XYZ	58.7380, 39.1990, 60.3474
YIQ	170.3000, 53.8630, 53.5990

# Conversions

## Conversions Part 2

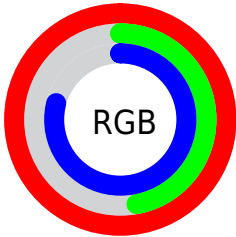
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 121, 202
Decimal	16742858
CIE <sub>Lab</sub>	68.90, 59.96, -17.91
CIE <sub>LCh</sub>	69, 62.581, 343.367
Yxy	39.1990, 0.3711, 0.2476
Android (android.graphics.Color)	4294932938 (0xFFFF79CA)
YUV	170.3000, 15.6281, 74.2819
Hunter-Lab	62.6091, 57.8975, -13.3218

# Details

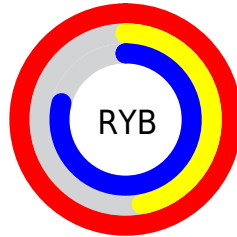
The Hex color **FF79CA** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **79FFAE**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB1FF**, and **C34094** is the 20% darker color. If you saturate the color by 10%, you get **FF60C0**, and if you desaturate by 10%, it is **FF93D4**.

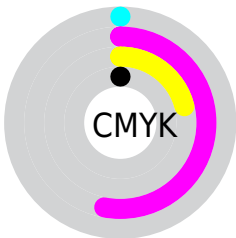
# Distribution



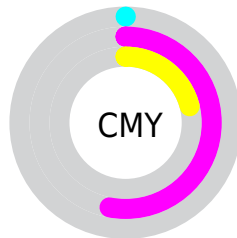
- Red (100%)
- Green (47%)
- Blue (79%)



- Red (100%)
- Yellow (47%)
- Blue (79%)



- Cyan (0%)
- Magenta (53%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF79CA 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 FF79CA by changing the saturation by 10% instead.



 FF79CA

 FF79CA

FFFFFF

 E15DAF

 FFB1FF

 C34094

 FFCEFF

 A6207A

 FFECFF

 8A0061

 6E0049

 520032

 39001E

 190001

 000000

 FF79CA

 FF79CA

 FF60C0

 FF93D4

 FF46B6

 FFACDE

 FF2CAC

 FFC5E8

 FF13A2

 FFDFF2

 FF009A

 FFF9FC

FFFFFF

# Harmonies

## Analogous

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



CC8EFB



FF79CA



FF7491

# Triad

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



FF79CA



AEAD2F



00C1F5

# Complementary

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



FF79CA



79FFAE

# 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.



00C4C1



FF79CA



6FBA51

# Square

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



FF79CA



E09A36



00C186



00B7FF

# Rectangle

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



FF79CA



FF7D6D



00C186



00C2E5



# Sweetspot

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



FF79CA



FFD6EF



AC79FF



806776



000000



808080



# Same Dimension

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



FF79CA



FF5EBF



FF7989



80737A



BF0074



400027



# Inverse Universe

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



FF79CA



FF5EBF



79FFEF



80737A



BF0074



400027



# Previews

## White Background



This preview shows how the Hex color FF79CA looks on a white background.

## Color Contrast Check

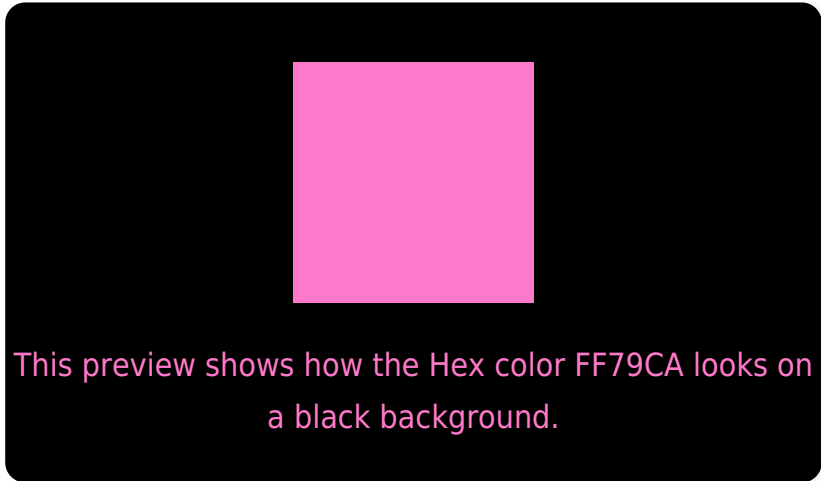
Large Text (above 18pt) WCAG AA × Fail

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 FF79CA Background



This preview shows how black text looks on a background with the Hex color FF79CA.

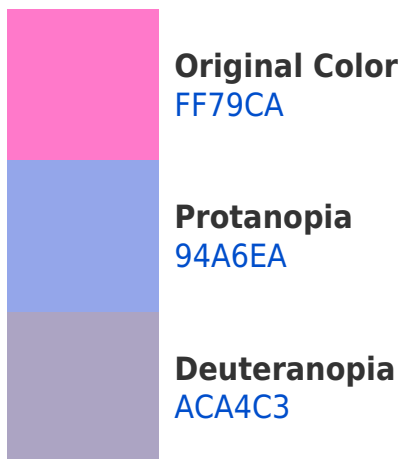


This preview shows how white text looks on a background with the Hex color FF79CA.

# 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**  
F9868F

# Trichromacy



**Original Color**  
FF79CA



**Protanomaly**  
BB96DE



**Deuteranomaly**  
CA94C6



**Tritanomaly**  
FB81A4

# Monochromacy



**Original Color**  
FF79CA



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
C998B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF79CA 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 #FF79CA looks like.

```
.text, #text, p{  
    color:#FF79CA  
}
```

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 #FF79CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF79CA }  
}
```

## Border

The CSS property to change the border of an element to Hex FF79CA 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 #FF79CA }  
}
```

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

```
.border{ border-color:#FF79CA }
```

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

Here you see how a box with a 4 pixel #FF79CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF79CA; -webkit-box-shadow:4px 4px  
4px 4px #FF79CA; box-shadow:4px 4px 4px  
4px #FF79CA }
```

# Background

The CSS property to change the background color of an element to Hex FF79CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF79CA }
```

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

```
.background{ background-color:#FF79CA }
```

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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