

# Converting Colors

Hex(FF79B3)

Have a look what the booklet for  
Hex(FF79B3) contains.

<b>Hex(FF79B3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F779B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF79B3
RGB	255, 121, 179
RGB Percent	100%, 47%, 70%
CMY	0.0000, 0.5255, 0.2980
CMYK	0.00, 0.53, 0.30, 0.00
HSL	334°, 100%, 74%
HSV	334°, 53%, 100%
XYZ	56.2141, 38.1894, 47.0563
YIQ	167.6780, 61.2460, 46.4460

# Conversions

## Conversions Part 2

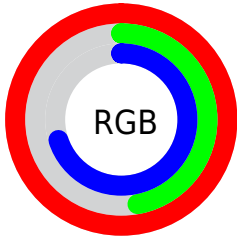
Format	Color
<b>R<sub>YB</sub></b>	255, 121, 179
Decimal	16742835
CIE Lab	68.16, 56.94, -6.11
CIE LCh	68, 57.268, 353.878
Yxy	38.1894, 0.3974, 0.2700
Android (android.graphics.Color)	4294932915 (0xFFFF79B3)
YUV	167.6780, 5.5817, 76.5814
Hunter-Lab	61.7976, 54.2264, -1.8886

# Details

The Hex color **FF79B3** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79FFC5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB1EB**, and **C3417E** is the 20% darker color. If you saturate the color by 10%, you get **FF60A5**, and if you desaturate by 10%, it is **FF93C1**.

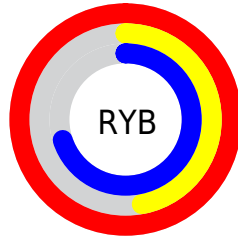
# Distribution



Red (100%)

Green (47%)

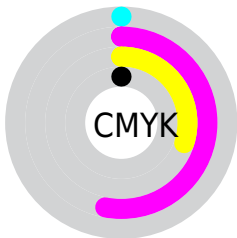
Blue (70%)



Red (100%)

Yellow (47%)

Blue (70%)

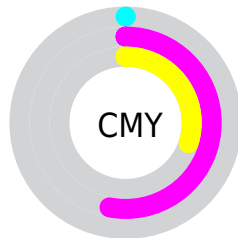


Cyan (0%)

Magenta (53%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF79B3 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 FF79B3 by changing the saturation by 10% instead.



 FF79B3

 FF79B3

FFFFFF

 E15D98

 FFB1EB

 C3417E

 FFCEFF

 A62265

 FFE8FF

 89004D

 6D0037

 510022

 380009

 0F0000

 000000

 FF79B3

 FF79B3

 FF60A5

 FF93C1

 FF4696

 FFACD0

 FF2C88

 FFC5DE

 FF1379

 FFD FED

 FF006E

 FFF9FB

FFFFFF

# Harmonies

## Analogous

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



DB88E4



FF79B3



FF7B7F

# Triad

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



FF79B3



9AB041



00BAF9

# Complementary

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



FF79B3



79FFC5

# 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.



00BFCE



FF79B3



59BA66

# Square

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



FF79B3



CCA03A



00BF99



00AFFF

# Rectangle

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



FF79B3



FA8661



00BF99



00BDED



# Sweetspot

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



FF79B3



FFD6E8



C579FF



806772



000000



808080



# Same Dimension

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



FF79B3



FF5EA4



FF8279



807378



BF0053



40001C



# Inverse Universe

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



FF79B3



FF5EA4



79F6FF



807378



BF0053

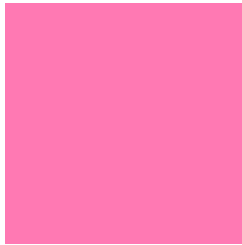


40001C



# Previews

## White Background



This preview shows how the Hex color FF79B3 looks on a white background.

## Color Contrast Check

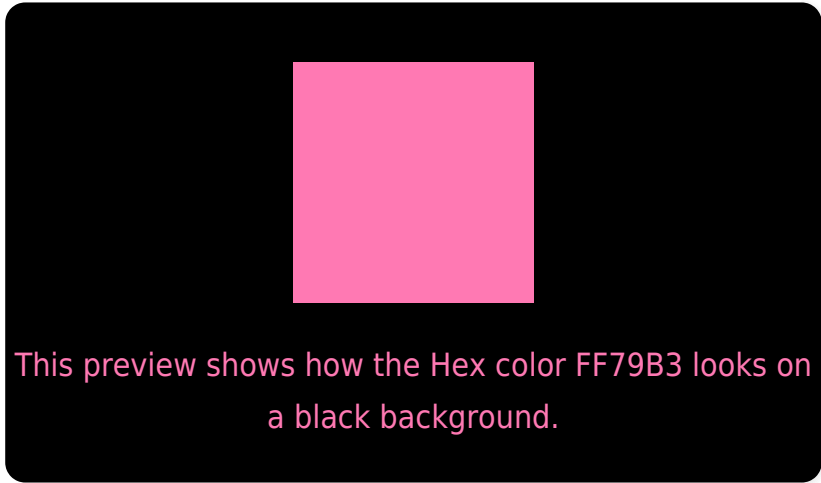
Large Text (above 18pt) WCAG AA × Fail

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 FF79B3 Background



This preview shows how black text looks on a background with the Hex color FF79B3.

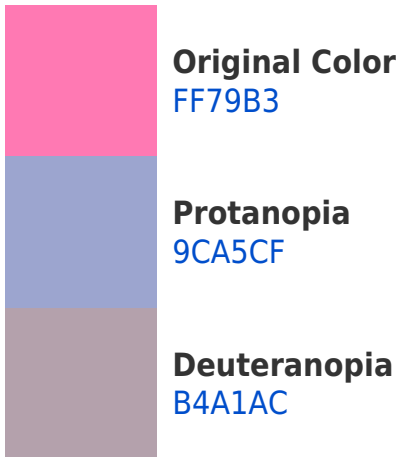


This preview shows how white text looks on a background with the Hex color FF79B3.

# 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



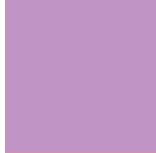


**Tritanopia**  
FB818A

# Trichromacy



**Original Color**  
FF79B3



**Protanomaly**  
C095C5



**Deuteranomaly**  
CF92AF



**Tritanomaly**  
FC7E99

# Monochromacy



**Original Color**  
FF79B3



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C897AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF79B3 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 #FF79B3 looks like.

```
.text, #text, p{  
    color:#FF79B3  
}
```

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 #FF79B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF79B3
}
```

## Border

The CSS property to change the border of an element to Hex FF79B3 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
#FF79B3 }
```

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

```
.border{ border-color:#FF79B3 }
```

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

Here you see how a box with a 4 pixel #FF79B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF79B3; -webkit-box-shadow:4px 4px  
4px 4px #FF79B3; box-shadow:4px 4px 4px  
4px #FF79B3 }
```

# Background

The CSS property to change the background color of an element to Hex FF79B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF79B3 }
```

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

```
.background{ background-color:#FF79B3 }
```

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