

# Converting Colors

Hex(F79BD4)

Have a look what the booklet for  
Hex(F79BD4) contains.

<b>Hex(F79BD4)</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(F79BD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F79BD4
RGB	247, 155, 212
RGB Percent	97%, 61%, 83%
CMY	0.0314, 0.3922, 0.1686
CMYK	0.00, 0.37, 0.14, 0.03
HSL	323°, 85%, 79%
HSV	323°, 37%, 97%
XYZ	61.9628, 47.9703, 68.2808
YIQ	189.0060, 36.5350, 37.2310

# Conversions

## Conversions Part 2

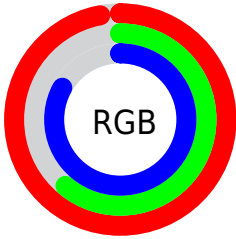
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 155, 212
Decimal	16227284
CIE Lab	74.81, 42.14, -14.63
CIE LCh	75, 44.605, 340.858
Yxy	47.9703, 0.3477, 0.2692
Android (android.graphics.Color)	4294417364 (0xFFFF79BD4)
YUV	189.0060, 11.3360, 50.8607
Hunter-Lab	69.2606, 38.4858, -9.9688

# Details

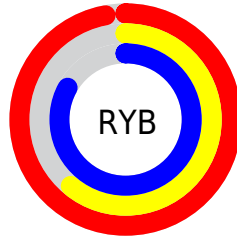
The Hex color **F79BD4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9BF7BE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFD3FF**, and **BD669D** is the 20% darker color. If you saturate the color by 10%, you get **F782CB**, and if you desaturate by 10%, it is **F7B4DD**.

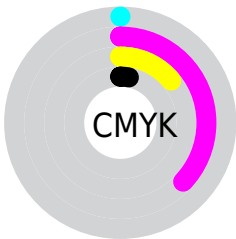
# Distribution



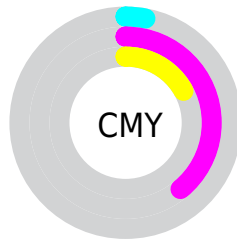
- Red (97%)
- Green (61%)
- Blue (83%)



- Red (97%)
- Yellow (61%)
- Blue (83%)



- Cyan (0%)
- Magenta (37%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (39%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F79BD4 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 F79BD4 by changing the saturation by 10% instead.



 F79BD4

 F79BD4

FFFFFF

 DA80B8

 FFD3FF

 BD669D

 FFF0FF

 A14C83

 86326A

 6B1752

 51003B

 380025

 1F000E

 000000

 F79BD4

 F79BD4

 F782CB

 F7B4DD

 F76AC1

 F7CCE7

 F751B8

 F7E5F0

 F738AE

 F7FEFA

 F71FA5

 F7FFFF

 F7079C

 F70099

# Harmonies

## Analogous

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



D0A8F6



F79BD4



FF97AB

# Triad

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



F79BD4



C4BB66



00CBED

# Complementary

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



F79BD4



9BF7BE

# 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.



00CEC6



F79BD4



97C578

# Square

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



F79BD4



E8AC6B



61CC9C



3EC4FF

# Rectangle

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



F79BD4



FF9B90



61CC9C



00CDE1



# Sweetspot

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



F79BD4



FFE3F4



BD9BF7



806F79



000000



808080



# Same Dimension

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



F79BD4



FF8CD3



F79BA7



7A6E76



BA0073



3B0024



# Inverse Universe

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



F79BD4



FF8CD3



9BF7EB



7A6E76



BA0073



3B0024



# Previews

## White Background



This preview shows how the Hex color F79BD4 looks on a white background.

## Color Contrast Check

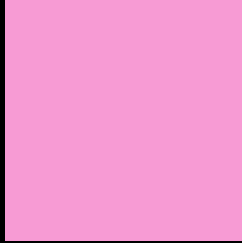
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F79BD4 looks on a 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 F79BD4 Background



This preview shows how black text looks on a background with the Hex color F79BD4.



This preview shows how white text looks on a background with the Hex color F79BD4.

# 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**  
F3A2AE

# Trichromacy



**Original Color**  
F79BD4



**Protanomaly**  
C8ADE0



**Deuteranomaly**  
D4ABD1



**Tritanomaly**  
F49FBC

# Monochromacy



**Original Color**  
F79BD4



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
D2B1C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F79BD4 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 #F79BD4 looks like.

```
.text, #text, p{  
    color:#F79BD4  
}
```

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 #F79BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F79BD4
}
```

## Border

The CSS property to change the border of an element to Hex F79BD4 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
#F79BD4 }
```

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

```
.border{ border-color:#F79BD4 }
```

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

Here you see how a box with a 4 pixel #F79BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F79BD4; -webkit-box-shadow:4px 4px  
4px 4px #F79BD4; box-shadow:4px 4px 4px  
4px #F79BD4 }
```

# Background

The CSS property to change the background color of an element to Hex F79BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F79BD4 }
```

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

```
.background{ background-color:#F79BD4 }
```

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