

# Converting Colors

Hex(F791BA)

Have a look what the booklet for  
Hex(F791BA) contains.

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# **Color**

**Hex(F791BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F791BA
RGB	247, 145, 186
RGB Percent	97%, 57%, 73%
CMY	0.0314, 0.4314, 0.2706
CMYK	0.00, 0.41, 0.25, 0.03
HSL	336°, 86%, 77%
HSV	336°, 41%, 97%
XYZ	57.3461, 43.5701, 51.8418
YIQ	180.1720, 47.6310, 34.3750

# Conversions

## Conversions Part 2

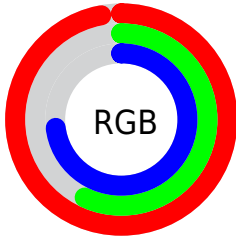
Format	Color
R <sub>Y</sub> B	247, 145, 186
Decimal	16224698
CIE Lab	71.94, 43.45, -4.55
CIE LCh	72, 43.683, 354.020
Yxy	43.5701, 0.3754, 0.2852
Android (android.graphics.Color)	4294414778 (0xFFFF791BA)
YUV	180.1720, 2.8732, 58.6082
Hunter-Lab	66.0077, 39.5637, -0.3604

# Details

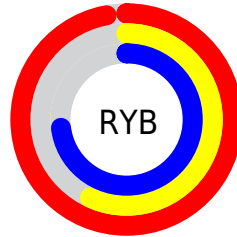
The Hex color **F791BA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91F7CE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC8F2**, and **BD5C85** is the 20% darker color. If you saturate the color by 10%, you get **F778AB**, and if you desaturate by 10%, it is **F7AAC9**.

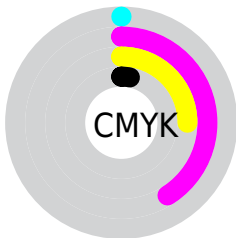
# Distribution



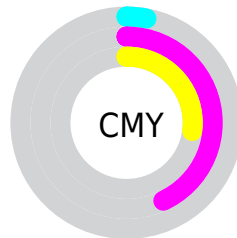
- Red (97%)
- Green (57%)
- Blue (73%)



- Red (97%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (3%)



- Cyan (3%)
- Magenta (43%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F791BA 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 F791BA by changing the saturation by 10% instead.



 F791BA

 F791BA

FFFFFF

 D9769F

 FFC8F2

 BD5C85

 FFE5FF

 A0426C

 842854

 69073C

 4E0027

 360012

 140000

 000000

 F791BA

 F791BA

 F778AB

 F7AAC9

 F7609C

 F7C2D8

 F7478E

 F7DBE6

 F72E7F

 F7F4F5

 F71670

 F7FFFF

 F70063

# Harmonies

## Analogous

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



DB9AE0



F791BA



FD9292

# Triad

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



F791BA



A9B866



00C0F0

# Complementary

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



F791BA



91F7CE

# 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.



00C5CF



F791BA



7AC080

# Square

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



F791BA



D1AB60



3CC5A7



61B7FF

# Rectangle

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



F791BA



F5997B



3CC5A7



00C2E7



# Sweetspot

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



F791BA



FFE0ED



CC91F7



806E75



000000



808080



# Same Dimension

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



F791BA



FF80B3



F79A91



7A6E73



BA004B



3B0018



# Inverse Universe

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



F791BA



FF80B3



91EFF7



7A6E73



BA004B

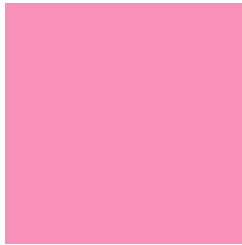


3B0018



# Previews

## White Background



This preview shows how the Hex color F791BA looks on a white background.

## Color Contrast Check

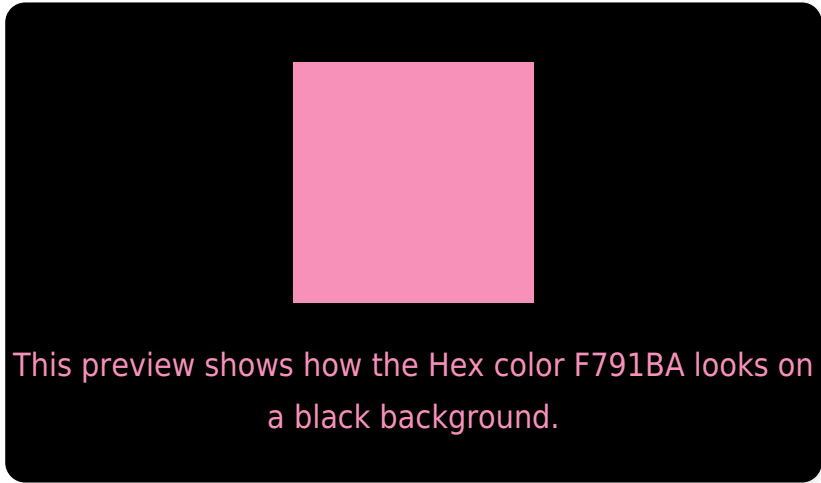
Large Text (above 18pt) WCAG AA × Fail

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 F791BA Background



This preview shows how black text looks on a background with the Hex color F791BA.

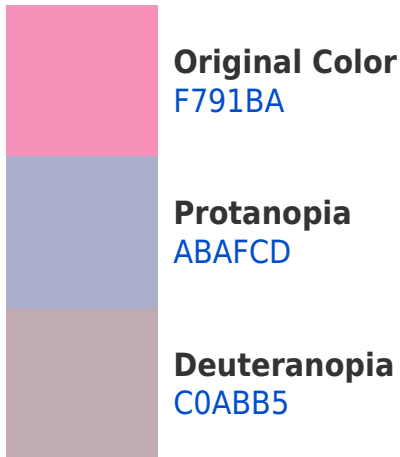



This preview shows how white text looks on a background with the Hex color F791BA.

# 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**  
F496A1

# Trichromacy



**Original Color**  
F791BA



**Protanomaly**  
C7A4C6



**Deuteranomaly**  
D4A2B7



**Tritanomaly**  
F594AA

# Monochromacy



**Original Color**  
F791BA



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CCA7B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F791BA 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 #F791BA looks like.

```
.text, #text, p{  
    color:#F791BA  
}
```

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 #F791BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F791BA
}
```

## Border

The CSS property to change the border of an element to Hex F791BA 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
#F791BA }
```

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

```
.border{ border-color:#F791BA }
```

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

Here you see how a box with a 4 pixel #F791BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F791BA; -webkit-box-shadow:4px 4px  
4px 4px #F791BA; box-shadow:4px 4px 4px  
4px #F791BA }
```

# Background

The CSS property to change the background color of an element to Hex F791BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F791BA }
```

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

```
.background{ background-color:#F791BA }
```

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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