

# Converting Colors

Hex(F798C3)

Have a look what the booklet for  
Hex(F798C3) contains.

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# **Color**

**Hex(F798C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F798C3
RGB	247, 152, 195
RGB Percent	97%, 60%, 76%
CMY	0.0314, 0.4039, 0.2353
CMYK	0.00, 0.38, 0.21, 0.03
HSL	333°, 86%, 78%
HSV	333°, 38%, 97%
XYZ	59.4363, 46.1708, 57.4090
YIQ	185.3070, 42.8170, 33.5130

# Conversions

## Conversions Part 2

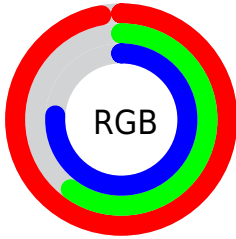
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 152, 195
Decimal	16226499
CIE Lab	73.66, 41.12, -6.99
CIE LCh	74, 41.712, 350.348
Yxy	46.1708, 0.3646, 0.2832
Android (android.graphics.Color)	4294416579 (0xFFFF798C3)
YUV	185.3070, 4.7786, 54.1048
Hunter-Lab	67.9491, 37.2265, -2.5287

# Details

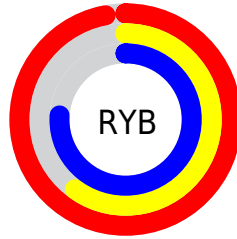
The Hex color **F798C3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **98F7CC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD0FC**, and **BD638D** is the 20% darker color. If you saturate the color by 10%, you get **F77FB5**, and if you desaturate by 10%, it is **F7B1D1**.

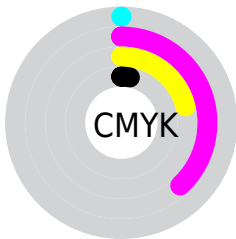
# Distribution



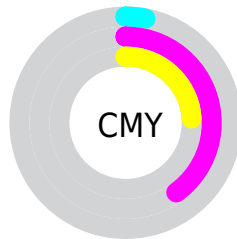
- Red (97%)
- Green (60%)
- Blue (76%)



- Red (97%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F798C3 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 F798C3 by changing the saturation by 10% instead.



 F798C3

 F798C3

FFFFFF

 DA7DA8

 FFD0FC

 BD638D

 FFECFF

 A14974

 85305B

 6A1444

 50002E

 370019

 1B0001

 000000

 F798C3

 F798C3

 F77FB5

 F7B1D1

 F767A8

 F7C9DE

 F74E9A

 F7E2EC

 F7358D

 F7FBF9

 F71C7F

 F7FFFF

 F70472

 F70070

# Harmonies

## Analogous

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



D9A2E6



F798C3



FF989C

# Triad

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



F798C3



B4BB6C



00C5EF

# Complementary

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



F798C3



98F7CC

# 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.



00C9CE



F798C3



88C483

# Square

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



F798C3



D9AE69



53C9A7



64BDFF

# Rectangle

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



F798C3



FA9D85



53C9A7



00C7E5



# Sweetspot

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



F798C3



FFE0EE



CB98F7



806E76



000000



808080



# Same Dimension

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



F798C3



FF8ABF



F79B98



7A6E74



BA0054



3B001B



# Inverse Universe

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



F798C3



FF8ABF



98F4F7



7A6E74



BA0054

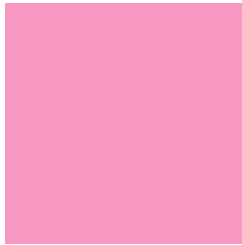


3B001B



# Previews

## White Background



This preview shows how the Hex color F798C3 looks on a white background.

## Color Contrast Check

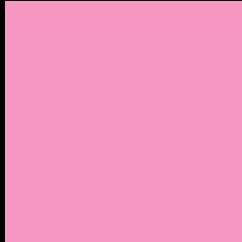
Large Text (above 18pt) WCAG AA × Fail

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 F798C3 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 F798C3 Background



This preview shows how black text looks on a background with the Hex color F798C3.



This preview shows how white text looks on a background with the Hex color F798C3.

# 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**  
F49DA9

# Trichromacy



**Original Color**  
F798C3



**Protanomaly**  
C9AACE



**Deuteranomaly**  
D6A7C0



**Tritanomaly**  
F59BB2

# Monochromacy



**Original Color**  
F798C3



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
D0ADBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F798C3 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 #F798C3 looks like.

```
.text, #text, p{  
    color:#F798C3  
}
```

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 #F798C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F798C3  
}
```

## Border

The CSS property to change the border of an element to Hex F798C3 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  
#F798C3 }
```

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

```
.border{ border-color:#F798C3 }
```

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

Here you see how a box with a 4 pixel #F798C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F798C3; -webkit-box-shadow:4px 4px  
4px 4px #F798C3; box-shadow:4px 4px 4px  
4px #F798C3 }
```

# Background

The CSS property to change the background color of an element to Hex F798C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F798C3 }
```

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

```
.background{ background-color:#F798C3 }
```

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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