

# Converting Colors

Hex(F87F9D)

Have a look what the booklet for  
Hex(F87F9D) contains.

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# **Color**

**Hex(F87F9D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F87F9D                     |
| RGB           | 248, 127, 157              |
| RGB Percent   | 97%, 50%, 62%              |
| CMY           | 0.0275, 0.5020, 0.3843     |
| CMYK          | 0.00, 0.49, 0.37, 0.03     |
| HSL           | 345°, 90%, 74%             |
| HSV           | 345°, 49%, 97%             |
| XYZ           | 52.3866, 37.5695, 36.3889  |
| YIQ           | 166.5990, 62.4860, 34.9820 |

# Conversions

## Conversions Part 2

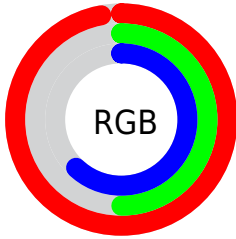
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 248, 127, 157                 |
| Decimal                             | 16285597                      |
| CIE Lab                             | 67.70, 49.16, 5.52            |
| CIE LCh                             | 68, 49.474, 6.408             |
| Yxy                                 | 37.5695, 0.4146,<br>0.2974    |
| Android<br>(android.graphics.Color) | 4294475677<br>(0xFFFF87F9D)   |
| YUV                                 | 166.5990, -4.7323,<br>71.3887 |
| Hunter-Lab                          | 61.2940, 45.2954,<br>7.7067   |

# Details

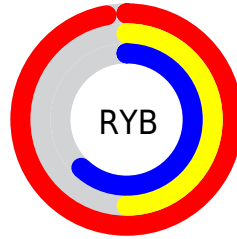
The Hex color **F87F9D** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7FF8DA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFB6D3**, and **BC496A** is the 20% darker color. If you saturate the color by 10%, you get **F8668A**, and if you desaturate by 10%, it is **F898B0**.

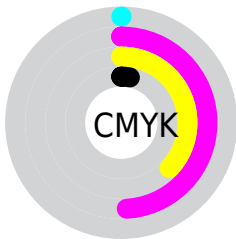
# Distribution



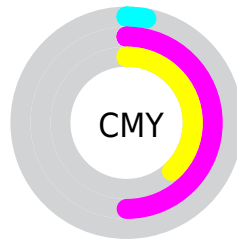
- Red (97%)
- Green (50%)
- Blue (62%)



- Red (97%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (50%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F87F9D 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 F87F9D by changing the saturation by 10% instead.



 F87F9D

 F87F9D

FFFFFF

 DA6483

 FFB6D3

 BC496A

 FFD3F0

 9F2E52

 FFF0FF

 820B3B

 660026

 4B0011

 310002

 000000

 F87F9D

 F87F9D

 F8668A

 F898B0

 F84D78

 F8B1C2

 F83565

 F8C9D5

 F81C52

 F8E2E8

 F80340

 F8FBFA

 F8003D

 F8FFFF

# Harmonies

## Analogous

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



E485CA



F87F9D



F48672

# Triad

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



F87F9D



87B25A



00B3F6

# Complementary

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



F87F9D



7FF8DA

# 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.



00BAD9



F87F9D



48B980

# Square

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



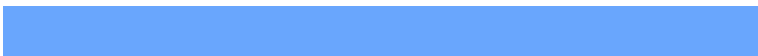
F87F9D



B6A649



00BCAD



69A6FD

# Rectangle

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



F87F9D



E6905B



00BCAD



00B6EE



# Sweetspot

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



F87F9D



FFD9E2



DA7FF8



80696E



000000



808080



# Same Dimension

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



F87F9D



FF698E



F89D7F



7D7074



BD002F



3D000F



# Inverse Universe

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



F87F9D



FF698E



7FDAF8



7D7074



BD002F



3D000F



# Previews

## White Background



This preview shows how the Hex color F87F9D looks on a white background.

## Color Contrast Check

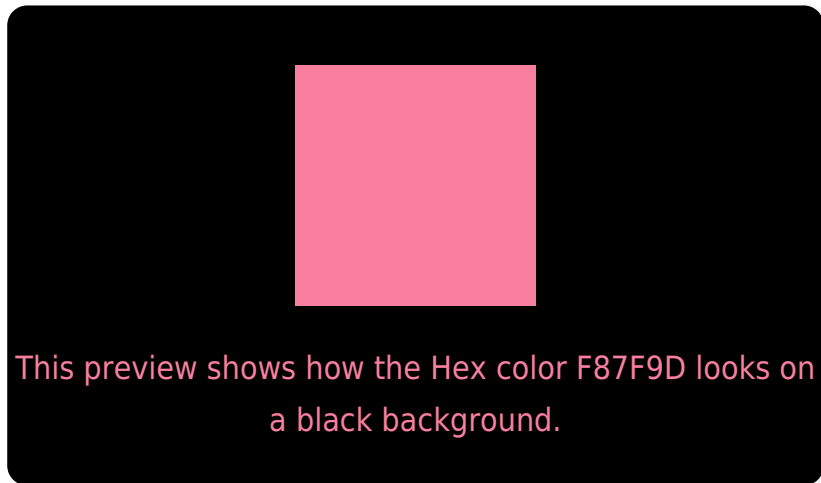
Large Text (above 18pt) WCAG AA × Fail

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 F87F9D Background



This preview shows how black text looks on a background with the Hex color F87F9D.



This preview shows how white text looks on a background with the Hex color F87F9D.

# 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**  
F7828B

# Trichromacy



**Original Color**  
F87F9D



**Protanomaly**  
C397AA



**Deuteranomaly**  
D1949A



**Tritanomaly**  
F78192

# Monochromacy



**Original Color**  
F87F9D



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
C498A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F87F9D 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 #F87F9D looks like.

```
.text, #text, p{  
    color:#F87F9D  
}
```

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 #F87F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F87F9D
}
```

## Border

The CSS property to change the border of an element to Hex F87F9D is called "border". The border property can be set on classes, ids or directly on the HTML element.

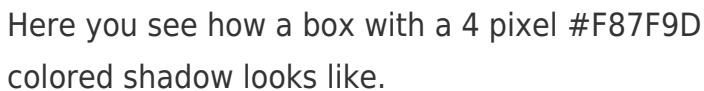
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F87F9D }
```

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

```
.border{ border-color:#F87F9D }
```

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



Here you see how a box with a 4 pixel #F87F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F87F9D; -webkit-box-shadow:4px 4px  
4px 4px #F87F9D; box-shadow:4px 4px 4px  
4px #F87F9D }
```

# Background

The CSS property to change the background color of an element to Hex F87F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F87F9D }
```

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

```
.background{ background-color:#F87F9D }
```

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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