

# Converting Colors

Hex(F97BA8)

Have a look what the booklet for  
Hex(F97BA8) contains.

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# **Color**

**Hex(F97BA8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F97BA8
RGB	249, 123, 168
RGB Percent	98%, 48%, 66%
CMY	0.0235, 0.5176, 0.3412
CMYK	0.00, 0.51, 0.33, 0.02
HSL	339°, 91%, 73%
HSV	339°, 51%, 98%
XYZ	53.2178, 37.1328, 41.4083
YIQ	165.8040, 60.6510, 40.7070

# Conversions

## Conversions Part 2

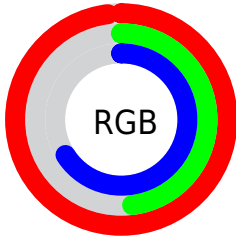
Format	Color
R <sub>Y</sub> B	249, 123, 168
Decimal	16350120
CIE Lab	67.38, 52.72, -1.15
CIE LCh	67, 52.737, 358.752
Yxy	37.1328, 0.4039, 0.2818
Android (android.graphics.Color)	4294540200 (0xFFFF97BA8)
YUV	165.8040, 1.0826, 72.9629
Hunter-Lab	60.9367, 49.2500, 2.3664

# Details

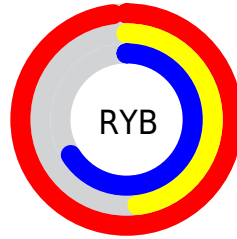
The Hex color **F97BA8** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7BF9CC**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB3DF**, and **BD4474** is the 20% darker color. If you saturate the color by 10%, you get **F96298**, and if you desaturate by 10%, it is **F994B8**.

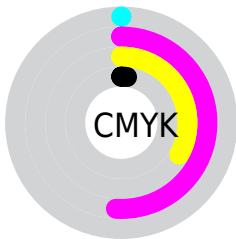
# Distribution



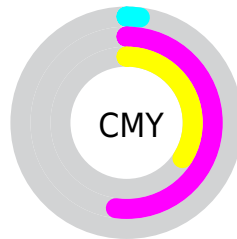
- Red (98%)
- Green (48%)
- Blue (66%)



- Red (98%)
- Yellow (48%)
- Blue (66%)



- Cyan (0%)
- Magenta (51%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (52%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F97BA8 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 F97BA8 by changing the saturation by 10% instead.



 F97BA8

 F97BA8

FFFFFF

 DB608E

 FFB3DF

 BD4474

 FFCFFC

 A0275C

 FFECCF

 840044

 67002E

 4C001A

 330002

 000000

 F97BA8

 F97BA8

 F96298

 F994B8

 F94988

 F9ADC8

 F93078

 F9C6D8

 F91768

 F9DFE8

 F90059

 F9F8F8

 F9FFFF

# Harmonies

## Analogous

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



DD86D6



F97BA8



FB8079

# Triad

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



F97BA8



91AF4D



00B5F4

# Complementary

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



F97BA8



7BF9CC

# 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.



00BBD0



F97BA8



53B871

# Square

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



F97BA8



C1A141



00BCA0



3DAAFF

# Rectangle

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



F97BA8



EF895E



00BCA0



00B8EA



# Sweetspot

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



F97BA8



FFD9E6



CB7BF9



806971



000000



808080



# Same Dimension

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



F97BA8



FF639B



F98C7B



7D7075



BD0043



3D0016



# Inverse Universe

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



F97BA8



FF639B



7BE8F9



7D7075



BD0043



3D0016



# Previews

## White Background



This preview shows how the Hex color F97BA8 looks on a white background.

## Color Contrast Check

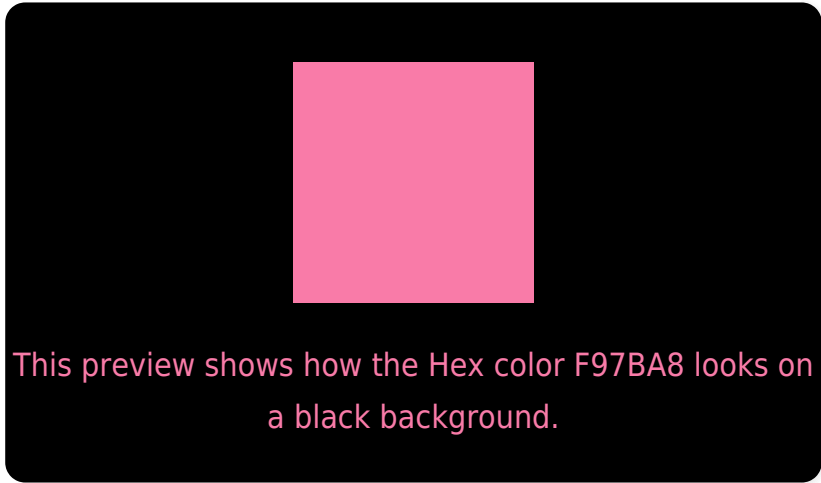
Large Text (above 18pt) WCAG AA × Fail

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 F97BA8 Background



This preview shows how black text looks on a background with the Hex color F97BA8.



This preview shows how white text looks on a background with the Hex color F97BA8.

# 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**  
F6818A

# Trichromacy



**Original Color**  
F97BA8



**Protanomaly**  
C094B8



**Deuteranomaly**  
CE92A4

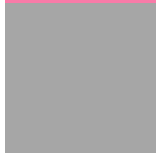


**Tritanomaly**  
F77F95

# Monochromacy



**Original Color**  
F97BA8



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
C496A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F97BA8 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 #F97BA8 looks like.

```
.text, #text, p{  
    color:#F97BA8  
}
```

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 #F97BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F97BA8
}
```

## Border

The CSS property to change the border of an element to Hex F97BA8 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
#F97BA8 }
```

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

```
.border{ border-color:#F97BA8 }
```

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

Here you see how a box with a 4 pixel #F97BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F97BA8; -webkit-box-shadow:4px 4px  
4px 4px #F97BA8; box-shadow:4px 4px 4px  
4px #F97BA8 }
```

# Background

The CSS property to change the background color of an element to Hex F97BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F97BA8 }
```

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

```
.background{ background-color:#F97BA8 }
```

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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