

# Converting Colors

Hex(F78BC7)

Have a look what the booklet for  
Hex(F78BC7) contains.

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# **Color**

**Hex(F78BC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78BC7
RGB	247, 139, 199
RGB Percent	97%, 55%, 78%
CMY	0.0314, 0.4549, 0.2196
CMYK	0.00, 0.44, 0.19, 0.03
HSL	327°, 87%, 76%
HSV	327°, 44%, 97%
XYZ	57.8992, 42.3629, 59.1581
YIQ	178.1320, 45.1080, 41.5560

# Conversions

## Conversions Part 2

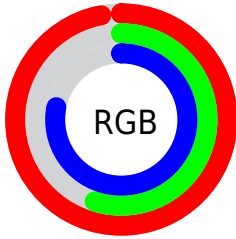
Format	Color
<a href="#">RYB</a>	<a href="#">247, 139, 199</a>
Decimal	<a href="#">16223175</a>
CIELab	<a href="#">71.12, 48.33, -12.99</a>
CIELCh	<a href="#">71, 50.049, 344.956</a>
Yxy	<a href="#">42.3629, 0.3632, 0.2657</a>
Android (android.graphics.Color)	<a href="#">4294413255 (0xFFFF78BC7)</a>
YUV	<a href="#">178.1320, 10.2879, 60.3972</a>
Hunter-Lab	<a href="#">65.0868, 44.8861, -8.3285</a>

# Details

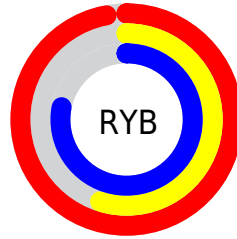
The Hex color **F78BC7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8BF7BB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC3FF**, and **BD5591** is the 20% darker color. If you saturate the color by 10%, you get **F772BC**, and if you desaturate by 10%, it is **F7A4D2**.

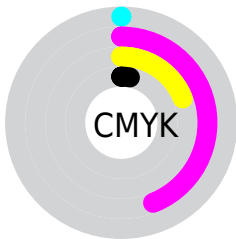
# Distribution



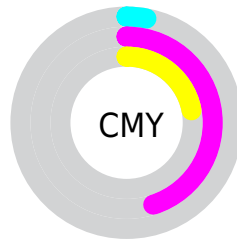
- Red (97%)
- Green (55%)
- Blue (78%)



- Red (97%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F78BC7 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 F78BC7 by changing the saturation by 10% instead.



 F78BC7

 F78BC7

FFFFFF

 D970AC

 FFC3FF

 BD5591

 FFDFFF

 A03B77

 FFFCFF

 841F5F

 690047

 4E0030

 37001C

 160000

 000000

 F78BC7

 F78BC7

 F772BC

 F7A4D2

 F75AB1

 F7BCDD

 F741A6

 F7D5E8

 F7289B

 F7EEF3

 F70F90

 F7FFFE

 F70089

 F7FFFF

# Harmonies

## Analogous

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



CF99EF



F78BC7



FF8999

# Triad

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



F78BC7



B3B353



00C2ED

# Complementary

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



F78BC7



8BF7BB

# 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.



00C5C4



F78BC7



80BE6B

# Square

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



F78BC7



DDA355



36C495



00B9FF

# Rectangle

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



F78BC7



FF8E7C



36C495



00C4E1



# Sweetspot

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



F78BC7



FFDEF0



BA8BF7



806B76



000000



808080



# Same Dimension

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



F78BC7



FF7AC4



F78B92



7A6E75



BA0067



3B0021



# Inverse Universe

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



F78BC7



FF7AC4



8BF7F0



7A6E75



BA0067



3B0021



# Previews

## White Background



This preview shows how the Hex color F78BC7 looks on a white background.

## Color Contrast Check

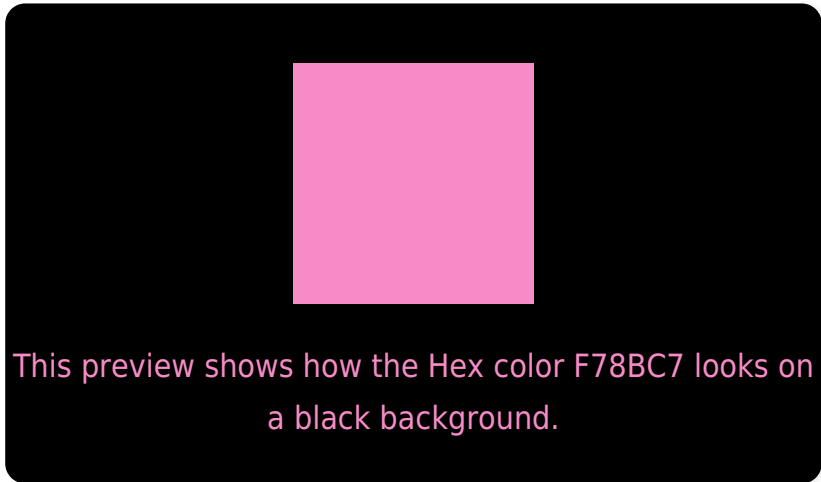
Large Text (above 18pt) WCAG AA × Fail

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 F78BC7 Background



This preview shows how black text looks on a background with the Hex color F78BC7.

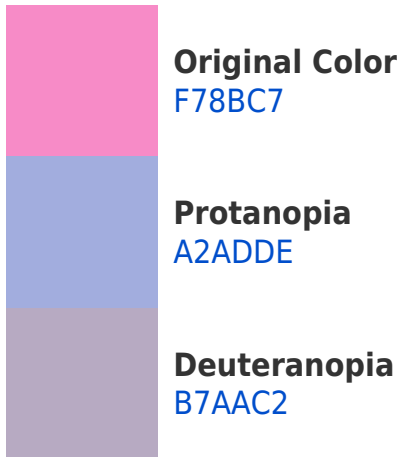


This preview shows how white text looks on a background with the Hex color F78BC7.

# 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**  
F3939E

# Trichromacy



**Original Color**  
F78BC7



**Protanomaly**  
C1A1D6



**Deuteranomaly**  
CE9FC4

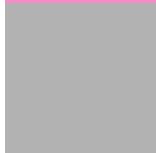


**Tritanomaly**  
F490AD

# Monochromacy



**Original Color**  
F78BC7



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
CBA4BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F78BC7 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 #F78BC7 looks like.

```
.text, #text, p{  
    color:#F78BC7  
}
```

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 #F78BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78BC7
}
```

## Border

The CSS property to change the border of an element to Hex F78BC7 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
#F78BC7 }
```

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

```
.border{ border-color:#F78BC7 }
```

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

Here you see how a box with a 4 pixel #F78BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78BC7; -webkit-box-shadow:4px 4px  
4px 4px #F78BC7; box-shadow:4px 4px 4px  
4px #F78BC7 }
```

# Background

The CSS property to change the background color of an element to Hex F78BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78BC7 }
```

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

```
.background{ background-color:#F78BC7 }
```

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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