

# Converting Colors

Hex(FF78C4)

Have a look what the booklet for  
Hex(FF78C4) contains.

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# **Color**

**Hex(F778C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF78C4
RGB	255, 120, 196
RGB Percent	100%, 47%, 77%
CMY	0.0000, 0.5294, 0.2314
CMYK	0.00, 0.53, 0.23, 0.00
HSL	326°, 100%, 74%
HSV	326°, 53%, 100%
XYZ	57.9203, 38.6785, 56.6375
YIQ	169.0290, 56.0640, 52.2560

# Conversions

## Conversions Part 2

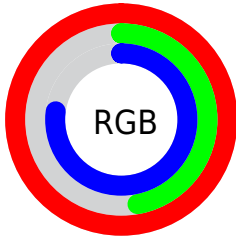
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 120, 196
Decimal	16742596
CIE <sub>Lab</sub>	68.52, 59.60, -15.13
CIE <sub>LCh</sub>	69, 61.493, 345.760
Yxy	38.6785, 0.3780, 0.2524
Android (android.graphics.Color)	4294932676 (0xFFFF78C4)
YUV	169.0290, 13.2967, 75.3966
Hunter-Lab	62.1920, 57.4035, -10.4603

# Details

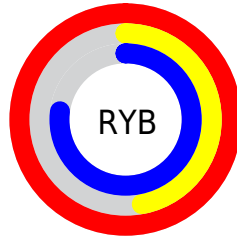
The Hex color **FF78C4** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78FFB3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB0FD**, and **C33F8E** is the 20% darker color. If you saturate the color by 10%, you get **FF5FB9**, and if you desaturate by 10%, it is **FF92CF**.

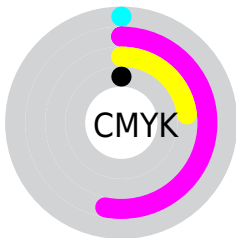
# Distribution



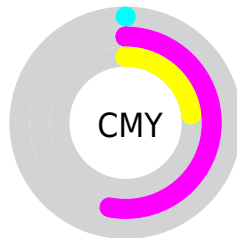
- Red (100%)
- Green (47%)
- Blue (77%)



- Red (100%)
- Yellow (47%)
- Blue (77%)



- Cyan (0%)
- Magenta (53%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF78C4 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 FF78C4 by changing the saturation by 10% instead.



 FF78C4

 FF78C4

FFFFFF

 E15CA9

 FFB0FD

 C33F8E

 FFCDFD

 A61F75

 FFEAFF

 8A005C

 6D0044

 52002E

 39001A

 160000

 000000

■ FF78C4

■ FF78C4

■ FF5FB9

■ FF92CF

■ FF45AE

■ FFABDA

■ FF2CA3

■ FFC4E5

■ FF1297

■ FFDEF1

■ FF0090

■ FFF8FC

FFFFFF

# Harmonies

## Analogous

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



D08CF5



FF78C4



FF758C

# Triad

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



FF78C4



A9AD32



00BFF6

# Complementary

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



FF78C4



78FFB3

# 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.



00C2C4



FF78C4



69BA55

# Square

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



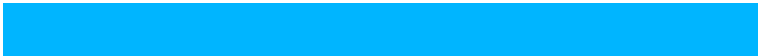
FF78C4



DB9B35



00C08A



00B5FF

# Rectangle

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



FF78C4



FF7E69



00C08A



00C1E7



# Sweetspot

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



FF78C4



FFD6ED



B378FF



806775



000000



808080



# Same Dimension

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



FF78C4



FF5CB8



FF7881



80737A



BF006C



400024



# Inverse Universe

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



FF78C4



FF5CB8



78FFF6



80737A



BF006C

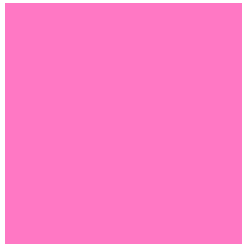


400024



# Previews

## White Background



This preview shows how the Hex color FF78C4 looks on a white background.

## Color Contrast Check

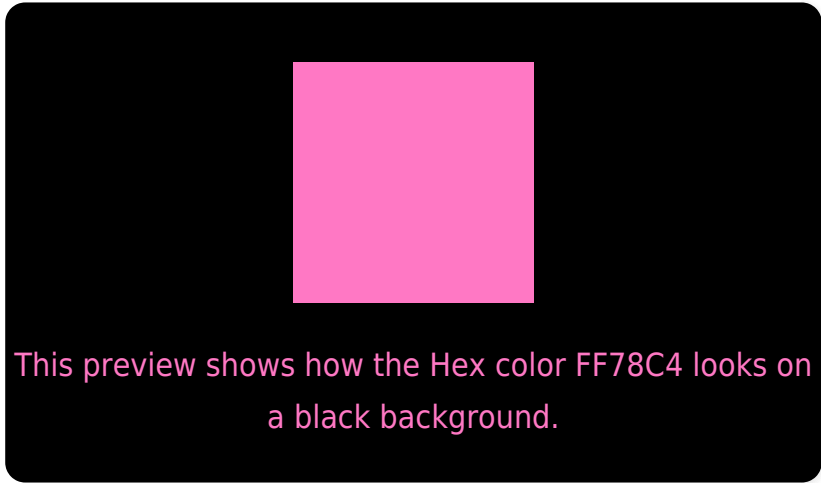
Large Text (above 18pt) WCAG AA × Fail

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 FF78C4 Background



This preview shows how black text looks on a background with the Hex color FF78C4.

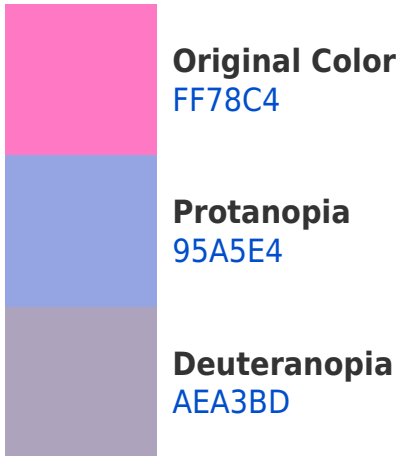


This preview shows how white text looks on a background with the Hex color FF78C4.

# 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**  
FA848D

# Trichromacy



**Original Color**  
FF78C4



**Protanomaly**  
BC95D8



**Deuteranomaly**  
CB93C0



**Tritanomaly**  
FC80A1

# Monochromacy



**Original Color**  
FF78C4



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C897B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF78C4 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 #FF78C4 looks like.

```
.text, #text, p{  
    color:#FF78C4  
}
```

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 #FF78C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF78C4
}
```

## Border

The CSS property to change the border of an element to Hex FF78C4 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
#FF78C4 }
```

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

```
.border{ border-color:#FF78C4 }
```

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

Here you see how a box with a 4 pixel #FF78C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF78C4; -webkit-box-shadow:4px 4px  
4px 4px #FF78C4; box-shadow:4px 4px 4px  
4px #FF78C4 }
```

# Background

The CSS property to change the background color of an element to Hex FF78C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF78C4 }
```

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

```
.background{ background-color:#FF78C4 }
```

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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