

# Converting Colors

Hex(F78FC4)

Have a look what the booklet for  
Hex(F78FC4) contains.

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# **Color**

**Hex(F78FC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F78FC4
RGB	247, 143, 196
RGB Percent	97%, 56%, 77%
CMY	0.0314, 0.4392, 0.2314
CMYK	0.00, 0.42, 0.21, 0.03
HSL	329°, 87%, 76%
HSV	329°, 42%, 97%
XYZ	58.1440, 43.4046, 57.5380
YIQ	180.1380, 44.9710, 38.5310

# Conversions

## Conversions Part 2

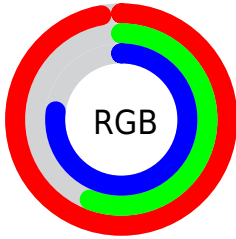
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 143, 196
Decimal	16224196
CIE <sub>Lab</sub>	71.83, 45.88, -10.27
CIE <sub>LCh</sub>	72, 47.011, 347.387
Yxy	43.4046, 0.3655, 0.2728
Android (android.graphics.Color)	4294414276 (0xFFFF78FC4)
YUV	180.1380, 7.8200, 58.6380
Hunter-Lab	65.8822, 42.2407, -5.6632

# Details

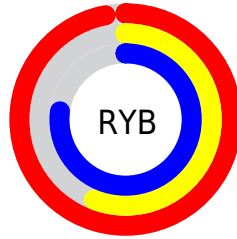
The Hex color **F78FC4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8FF7C2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC7FD**, and **BD5A8E** is the 20% darker color. If you saturate the color by 10%, you get **F776B8**, and if you desaturate by 10%, it is **F7A8D0**.

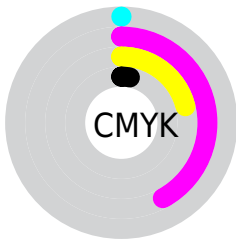
# Distribution



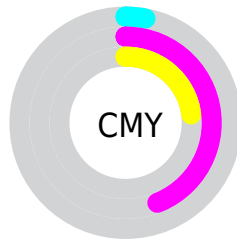
- Red (97%)
- Green (56%)
- Blue (77%)



- Red (97%)
- Yellow (56%)
- Blue (77%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F78FC4 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 F78FC4 by changing the saturation by 10% instead.



 F78FC4

 F78FC4

FFFFFF

 DA74A9

 FFC7FD

 BD5A8E

 FFE3FF

 A04075

 84245C

 690145

 4F002E

 37001A

 170000

 000000

 F78FC4

 F78FC4

 F776B8

 F7A8D0

 F75EAC

 F7C0DC

 F745A0

 F7D9E8

 F72C94

 F7F2F4

 F71487

 F7FFFF

 F7007E

# Harmonies

## Analogous

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



D39BEA



F78FC4



FF8E99

# Triad

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



F78FC4



B2B55C



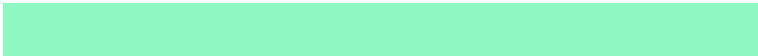
00C3EE

# Complementary

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



F78FC4



8FF7C2

# 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.



00C6C8



F78FC4



81BF74

# Square

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



F78FC4



DAA75B



3FC59C



3ABAFF

# Rectangle

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



F78FC4



FD947E



3FC59C



00C4E3



# Sweetspot

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



F78FC4



FFDEEF



C18FF7



806B75



000000



808080



# Same Dimension

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



F78FC4



FF7DBF



F78F91



7A6E74



BA005F



3B001E



# Inverse Universe

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



F78FC4



FF7DBF



8FF7F5



7A6E74



BA005F



3B001E



# Previews

## White Background



This preview shows how the Hex color F78FC4 looks on a white background.

## Color Contrast Check

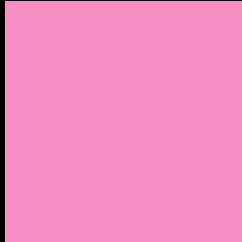
Large Text (above 18pt) WCAG AA × Fail

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 F78FC4 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 F78FC4 Background



This preview shows how black text looks on a background with the Hex color F78FC4.




This preview shows how white text looks on a background with the Hex color F78FC4.

# 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**  
F396A1

# Trichromacy



**Original Color**  
F78FC4



**Protanomaly**  
C4A3D1



**Deuteranomaly**  
D1A1C1



**Tritanomaly**  
F493AE

# Monochromacy



**Original Color**  
F78FC4



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CCA7BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F78FC4 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 #F78FC4 looks like.

```
.text, #text, p{  
    color:#F78FC4  
}
```

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 #F78FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F78FC4
}
```

## Border

The CSS property to change the border of an element to Hex F78FC4 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
#F78FC4 }
```

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

```
.border{ border-color:#F78FC4 }
```

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

Here you see how a box with a 4 pixel #F78FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F78FC4; -webkit-box-shadow:4px 4px  
4px 4px #F78FC4; box-shadow:4px 4px 4px  
4px #F78FC4 }
```

# Background

The CSS property to change the background color of an element to Hex F78FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F78FC4 }
```

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

```
.background{ background-color:#F78FC4 }
```

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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