

Converting Colors

Hex(FF78CC)

Have a look what the booklet for
Hex(FF78CC) contains.

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Color

Hex(F778CC)

Conversions

Conversions Part 1

Format	Color
Hex	FF78CC
RGB	255, 120, 204
RGB Percent	100%, 47%, 80%
CMY	0.0000, 0.5294, 0.2000
CMYK	0.00, 0.53, 0.20, 0.00
HSL	323°, 100%, 74%
HSV	323°, 53%, 100%
XYZ	58.8556, 39.0526, 61.5626
YIQ	169.9410, 53.4960, 54.7440

Conversions

Conversions Part 2

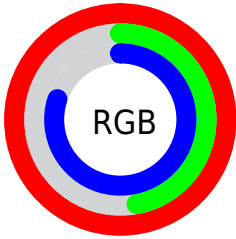
Format	Color
R _Y B	255, 120, 204
Decimal	16742604
CIE _{Lab}	68.79, 60.70, -19.19
CIE _{LCh}	69, 63.664, 342.455
Yxy	39.0526, 0.3691, 0.2449
Android (android.graphics.Color)	4294932684 (0xFFFF78CC)
YUV	169.9410, 16.7911, 74.5967
Hunter-Lab	62.4921, 58.7517, -14.6637

Details

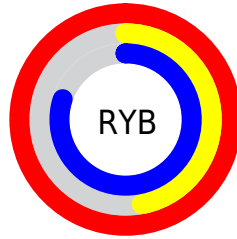
The Hex color **FF78CC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78FFAB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB0FF**, and **C33F96** is the 20% darker color. If you saturate the color by 10%, you get **FF5FC2**, and if you desaturate by 10%, it is **FF92D6**.

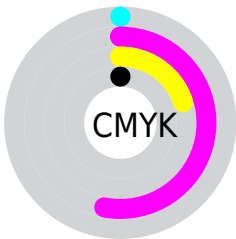
Distribution



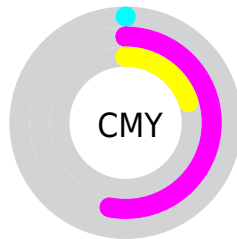
- Red (100%)
- Green (47%)
- Blue (80%)



- Red (100%)
- Yellow (47%)
- Blue (80%)



- Cyan (0%)
- Magenta (53%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF78CC 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 FF78CC by changing the saturation by 10% instead.

 FF78CC

 FF78CC

FFFFFF

 E15CB0

 FFBOFF

 C33F96

 FFCDFD

 A61E7C

 FFE8FF

 8A0063

 6E004B

 520034

 39001F

 190001

 000000

 FF78CC

 FF78CC

 FF5FC2

 FF92D6

 FF45B9

 FFABDF

 FF2CAF

 FFC4E9

 FF12A5

 FFDEF3

 FF009F

 FFF8FC

FFFFFF

Harmonies

Analogous

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



CA8EFD



FF78CC



FF7292

Triad

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



FF78CC



B0AD2B



00C1F4

Complementary

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



FF78CC



78FFAB

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.



00C4BF



FF78CC



6FBA4D

Square

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



FF78CC



E29934



00C183



00B8FF

Rectangle

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



FF78CC



FF7B6D



00C183



00C2E4

Sweetspot

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



FF78CC



FFD6F0



A978FF



806776



000000



808080

Same Dimension

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



FF78CC



FF5CC1



FF788A



80737B



BF0077



400028

Inverse Universe

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



FF78CC



FF5CC1



78FFED



80737B



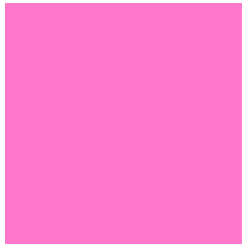
BF0077



400028

Previews

White Background



This preview shows how the Hex color FF78CC looks on a white background.

Color Contrast Check

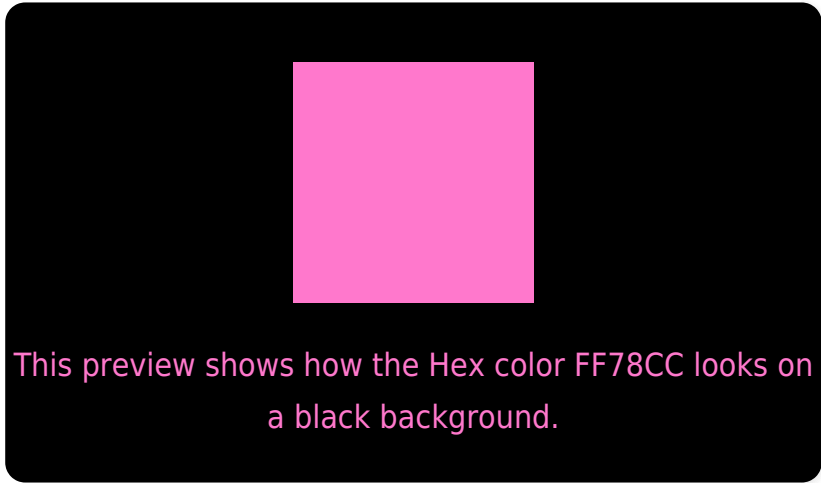
Large Text (above 18pt) WCAG AA × Fail

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 FF78CC Background



This preview shows how black text looks on a background with the Hex color FF78CC.

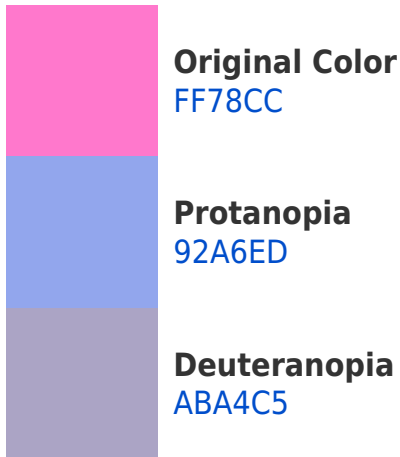


This preview shows how white text looks on a background with the Hex color FF78CC.

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
F9858F

Trichromacy



Original Color
FF78CC



Protanomaly
BA95E1



Deuteranomaly
CA94C8



Tritanomaly
FB80A5

Monochromacy



Original Color
FF78CC



Achromatopsia
AAAAAA



Achromatomaly
C998B6

CSS Examples

Text

The CSS property to change the color of the text to Hex FF78CC 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 #FF78CC looks like.

```
.text, #text, p{  
  color:#FF78CC  
}
```

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 #FF78CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF78CC  
}
```

Border

The CSS property to change the border of an element to Hex FF78CC 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  
#FF78CC }
```

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

```
.border{ border-color:#FF78CC }
```

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

Here you see how a box with a 4 pixel #FF78CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF78CC; -webkit-box-shadow:4px 4px  
4px 4px #FF78CC; box-shadow:4px 4px 4px  
4px #FF78CC }
```

Background

The CSS property to change the background color of an element to Hex FF78CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF78CC }
```

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

```
.background{ background-color:#FF78CC }
```

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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