

Converting Colors

Hex(FF80CC)

Have a look what the booklet for
Hex(FF80CC) contains.

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Color

Hex(F80CC)

Conversions

Conversions Part 1

Format	Color
Hex	FF80CC
RGB	255, 128, 204
RGB Percent	100%, 50%, 80%
CMY	0.0000, 0.4980, 0.2000
CMYK	0.00, 0.50, 0.20, 0.00
HSL	324°, 100%, 75%
HSV	324°, 50%, 100%
XYZ	59.8583, 41.0580, 61.8968
YIQ	174.6370, 51.2960, 50.5600

Conversions

Conversions Part 2

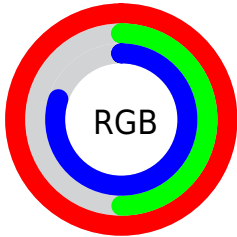
Format	Color
R _Y B	255, 128, 204
Decimal	16744652
CIE Lab	70.22, 56.96, -17.03
CIE LCh	70, 59.448, 343.354
Yxy	41.0580, 0.3677, 0.2522
Android (android.graphics.Color)	4294934732 (0xFFFF80CC)
YUV	174.6370, 14.4760, 70.4784
Hunter-Lab	64.0765, 54.6152, -12.4196

Details

The Hex color **FF80CC** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **80FFB3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFB8FF**, and **C44996** is the 20% darker color. If you saturate the color by 10%, you get **FF67C2**, and if you desaturate by 10%, it is **FF9AD6**.

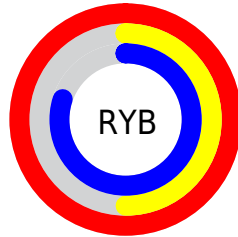
Distribution



Red (100%)

Green (50%)

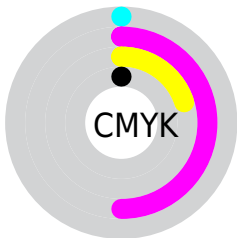
Blue (80%)



Red (100%)

Yellow (50%)

Blue (80%)

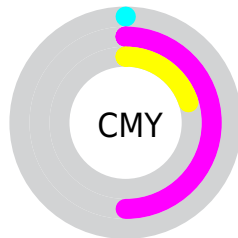


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF80CC 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 FF80CC by changing the saturation by 10% instead.

 FF80CC

 FF80CC

FFFFFF

 E164B1

 FFB8FF

 C44996

 FFD5FF

 A72B7C

 FFF2FF

 8A0063

 6F004B

 530034

 3B001F

 1C0001

 000000

■ FF80CC

■ FF80CC

■ FF67C2

■ FF9AD6

■ FF4DB8

■ FFB3E0

■ FF33AD

■ FFCDEB

■ FF1AA3

■ FFE6F5

■ FF0099

FFFFFF

Harmonies

Analogous

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



CE93FB



FF80CC



FF7C96

Triad

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



FF80CC



B2B03B



00C3F5

Complementary

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



FF80CC



80FFB3

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.



00C6C3



FF80CC



76BD59

Square

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



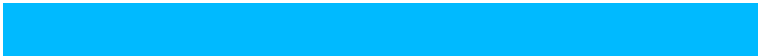
FF80CC



E29E40



00C48B



00BAFF

Rectangle

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



FF80CC



FF8373



00C48B



00C5E6

Sweetspot

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



FF80CC



FFD9F0



B380FF



806976



000000



808080

Same Dimension

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



FF80CC



FF66C2



FF808D



80737A



BF0072



400026

Inverse Universe

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



FF80CC



FF66C2



80FFF2



80737A



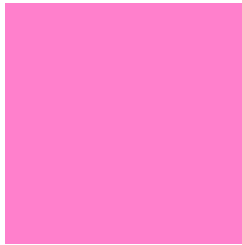
BF0072



400026

Previews

White Background



This preview shows how the Hex color FF80CC looks on a white background.

Color Contrast Check

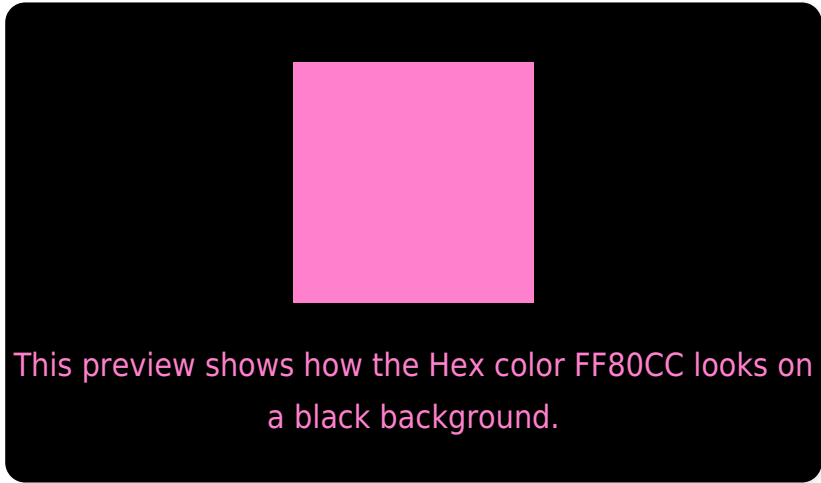
Large Text (above 18pt) WCAG AA × Fail

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 FF80CC Background



This preview shows how black text looks on a background with the Hex color FF80CC.



This preview shows how white text looks on a background with the Hex color FF80CC.

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
FA8B96

Trichromacy



Original Color
FF80CC



Protanomaly
BF9BDF



Deuteranomaly
CD99C8



Tritanomaly
FC87AA

Monochromacy



Original Color
FF80CC



Achromatopsia
AFAFAF



Achromatomaly
CC9EBA

CSS Examples

Text

The CSS property to change the color of the text to Hex FF80CC 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 #FF80CC looks like.

```
.text, #text, p{  
  color:#FF80CC  
}
```

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 #FF80CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF80CC  
}
```

Border

The CSS property to change the border of an element to Hex FF80CC 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  
#FF80CC }
```

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

```
.border{ border-color:#FF80CC }
```

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

Here you see how a box with a 4 pixel #FF80CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF80CC; -webkit-box-shadow:4px 4px  
4px 4px #FF80CC; box-shadow:4px 4px 4px  
4px #FF80CC }
```

Background

The CSS property to change the background color of an element to Hex FF80CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF80CC }
```

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

```
.background{ background-color:#FF80CC }
```

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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