

Converting Colors

Hex(FF80BE)

Have a look what the booklet for
Hex(FF80BE) contains.

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Color

Hex(F80BE)

Conversions

Conversions Part 1

Format	Color
Hex	FF80BE
RGB	255, 128, 190
RGB Percent	100%, 50%, 75%
CMY	0.0000, 0.4980, 0.2549
CMYK	0.00, 0.50, 0.25, 0.00
HSL	331°, 100%, 75%
HSV	331°, 50%, 100%
XYZ	58.2534, 40.4160, 53.4460
YIQ	173.0410, 55.7900, 46.2060

Conversions

Conversions Part 2

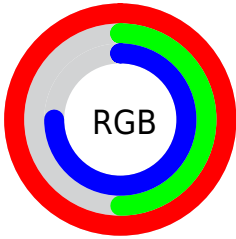
Format	Color
R_{YB}	255, 128, 190
Decimal	16744638
CIE Lab	69.76, 55.04, -9.90
CIE LCh	70, 55.922, 349.807
Yxy	40.4160, 0.3830, 0.2657
Android (android.graphics.Color)	4294934718 (0xFFFF80BE)
YUV	173.0410, 8.3608, 71.8780
Hunter-Lab	63.5736, 52.3083, -5.3432

Details

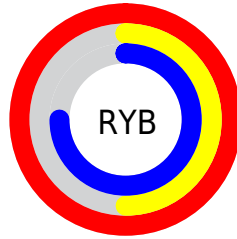
The Hex color **FF80BE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80FFC1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB8F6**, and **C34989** is the 20% darker color. If you saturate the color by 10%, you get **FF67B1**, and if you desaturate by 10%, it is **FF9ACB**.

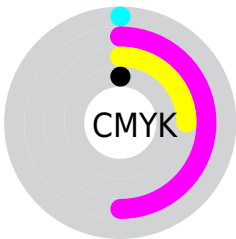
Distribution



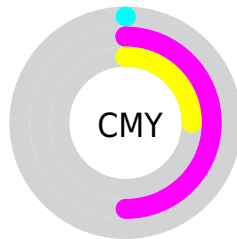
- Red (100%)
- Green (50%)
- Blue (75%)



- Red (100%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF80BE 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 FF80BE by changing the saturation by 10% instead.

 FF80BE

 FF80BE

FFFFFF

 E165A3

 FFB8F6

 C34989

 FFD5FF

 A62C6F


 FFF2FF

 8A0357

 6E0040

 52002A

 3A0016

 170000

 000000

 FF80BE

 FF80BE

 FF67B1

 FF9ACB

 FF4DA4

 FFB3D8

 FF3397

 FFCDE5

 FF1A8A

 FFE6F2

 FF007D

FFFFFF

 FF007C

Harmonies

Analogous

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



D88FED



FF80BE



FF808B

Triad

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



FF80BE



A6B245



00BFF7

Complementary

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



FF80BE



80FFC1

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.



00C4CB



FF80BE



6ABD66

Square

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



FF80BE



D6A243



00C397



00B5FF

Rectangle

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



FF80BE



FF896C



00C397



00C1EA

Sweetspot

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



FF80BE



FFD9EB



C080FF



806974



000000



808080

Same Dimension

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



FF80BE



FF66B1



FF8080



807379



BF005D



40001F

Inverse Universe

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



FF80BE



FF66B1



80FFFF



807379



BF005D



40001F

Previews

White Background



This preview shows how the Hex color FF80BE looks on a white background.

Color Contrast Check

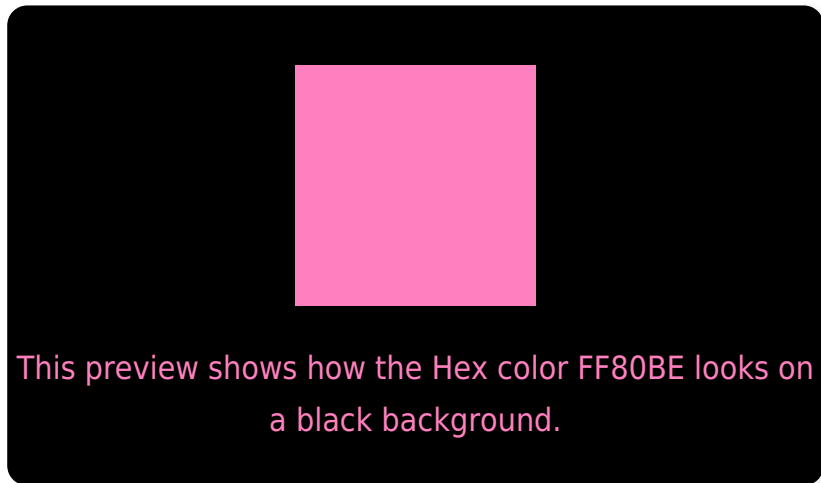
Large Text (above 18pt) WCAG AA × Fail

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 FF80BE Background



This preview shows how black text looks on a background with the Hex color FF80BE.



This preview shows how white text looks on a background with the Hex color FF80BE.

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
FB8993

Trichromacy



Original Color
FF80BE



Protanomaly
C29ACF



Deuteranomaly
D198BA



Tritanomaly
FC86A3

Monochromacy



Original Color
FF80BE



Achromatopsia
ADADAD



Achromatomaly
CB9DB3

CSS Examples

Text

The CSS property to change the color of the text to Hex FF80BE 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 #FF80BE looks like.

```
.text, #text, p{  
    color:#FF80BE  
}
```

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 #FF80BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF80BE
}
```

Border

The CSS property to change the border of an element to Hex FF80BE 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
#FF80BE }
```

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

```
.border{ border-color:#FF80BE }
```

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

Here you see how a box with a 4 pixel #FF80BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF80BE; -webkit-box-shadow:4px 4px  
4px 4px #FF80BE; box-shadow:4px 4px 4px  
4px #FF80BE }
```

Background

The CSS property to change the background color of an element to Hex FF80BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF80BE }
```

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

```
.background{ background-color:#FF80BE }
```

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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