

Converting Colors

Hex(FF80D1)

Have a look what the booklet for
Hex(FF80D1) contains.

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Color

Hex(F80D1)

Conversions

Conversions Part 1

Format	Color
Hex	FF80D1
RGB	255, 128, 209
RGB Percent	100%, 50%, 82%
CMY	0.0000, 0.4980, 0.1804
CMYK	0.00, 0.50, 0.18, 0.00
HSL	322°, 100%, 75%
HSV	322°, 50%, 100%
XYZ	60.4678, 41.3018, 65.1066
YIQ	175.2070, 49.6910, 52.1150

Conversions

Conversions Part 2

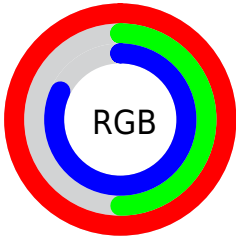
Format	Color
R _Y B	255, 128, 209
Decimal	16744657
CIE Lab	70.39, 57.67, -19.55
CIE LCh	70, 60.897, 341.273
Yxy	41.3018, 0.3624, 0.2475
Android (android.graphics.Color)	4294934737 (0xFFFF80D1)
YUV	175.2070, 16.6599, 69.9785
Hunter-Lab	64.2665, 55.4829, -15.0786

Details

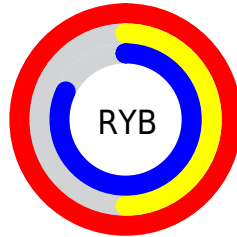
The Hex color **FF80D1** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **80FFAE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFB8FF**, and **C4499A** is the 20% darker color. If you saturate the color by 10%, you get **FF67C8**, and if you desaturate by 10%, it is **FF9ADA**.

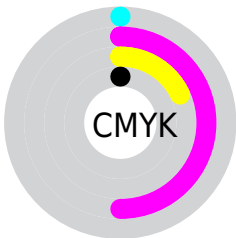
Distribution



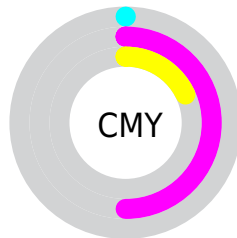
- Red (100%)
- Green (50%)
- Blue (82%)



- Red (100%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF80D1 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 FF80D1 by changing the saturation by 10% instead.

 FF80D1

 FF80D1

FFFFFF

 E164B5

 FFB8FF

 C4499A

 FFD5FF

 A72B80

 FFF2FF

 8A0067

 6F004F

 530038

 3B0023

 1C0008

 000000

 FF80D1

 FF80D1

 FF67C8

 FF9ADA

 FF4DBF

 FFB3E3

 FF33B5

 FFCDED

 FF1AAC

 FFE6F6

 FF00A3

FFFFFF

Harmonies

Analogous

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



CB95FF



FF80D1



FF7A99

Triad

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



FF80D1



B7B037



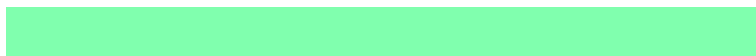
00C5F4

Complementary

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



FF80D1



80FFAE

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.



00C7C0



FF80D1



7ABD54

Square

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



FF80D1



E79D40



00C587



00BCFF

Rectangle

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



FF80D1



FF8176



00C587



00C6E4

Sweetspot

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



FF80D1



FFD9F1



AC80FF



806977



000000



808080

Same Dimension

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



FF80D1



FF66C8



FF8093



80737B



BF007A



400029

Inverse Universe

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



FF80D1



FF66C8



80FFEC



80737B



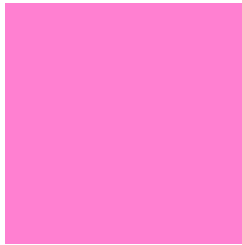
BF007A



400029

Previews

White Background



This preview shows how the Hex color FF80D1 looks on a white background.

Color Contrast Check

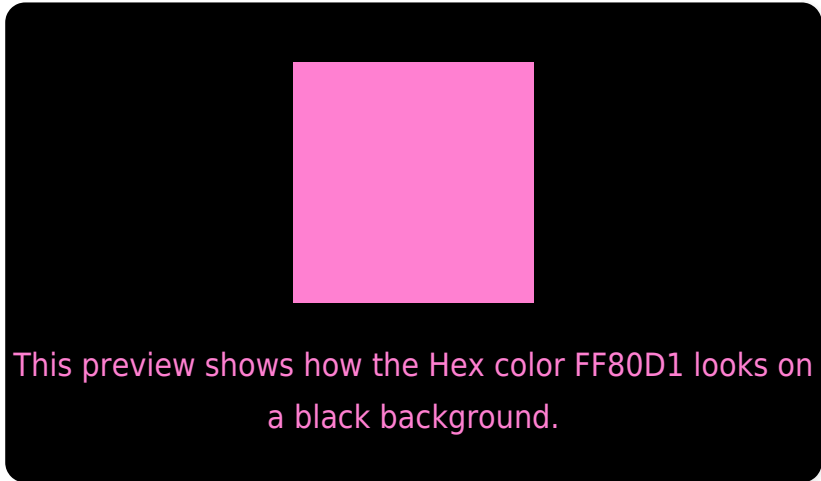
Large Text (above 18pt) WCAG AA × Fail

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 FF80D1 Background



This preview shows how black text looks on a background with the Hex color FF80D1.



This preview shows how white text looks on a background with the Hex color FF80D1.

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
F98C97

Trichromacy



Original Color
FF80D1



Protanomaly
BD9BE4



Deuteranomaly
CC99CD



Tritanomaly
FB88AC

Monochromacy



Original Color
FF80D1



Achromatopsia
AFAFAF



Achromatomaly
CC9EBB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF80D1 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 #FF80D1 looks like.

```
.text, #text, p{  
    color:#FF80D1  
}
```

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 #FF80D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF80D1
}
```

Border

The CSS property to change the border of an element to Hex FF80D1 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
#FF80D1 }
```

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

```
.border{ border-color:#FF80D1 }
```

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

Here you see how a box with a 4 pixel #FF80D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF80D1; -webkit-box-shadow:4px 4px  
4px 4px #FF80D1; box-shadow:4px 4px 4px  
4px #FF80D1 }
```

Background

The CSS property to change the background color of an element to Hex FF80D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF80D1 }
```

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

```
.background{ background-color:#FF80D1 }
```

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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