

Converting Colors

Hex(FD80AA)

Have a look what the booklet for
Hex(FD80AA) contains.

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Color

Hex(FD80AA)

Conversions

Conversions Part 1

Format	Color
Hex	FD80AA
RGB	253, 128, 170
RGB Percent	99%, 50%, 67%
CMY	0.0078, 0.4980, 0.3333
CMYK	0.00, 0.49, 0.33, 0.01
HSL	340°, 97%, 75%
HSV	340°, 49%, 99%
XYZ	55.4829, 39.2233, 42.6768
YIQ	170.1630, 61.0180, 39.5620

Conversions

Conversions Part 2

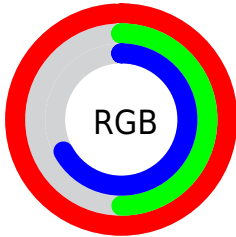
Format	Color
RYB	253, 128, 170
Decimal	16613546
CIELab	68.91, 51.87, 0.04
CIELCh	69, 51.869, 0.039
Yxy	39.2233, 0.4039, 0.2855
Android (android.graphics.Color)	4294803626 (0xFFFD80AA)
YUV	170.1630, -0.0804, 72.6480
Hunter-Lab	62.6285, 48.5342, 3.4381

Details

The Hex color **FD80AA** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80FDD3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB8E1**, and **C14A76** is the 20% darker color. If you saturate the color by 10%, you get **FD6799**, and if you desaturate by 10%, it is **FD99BB**.

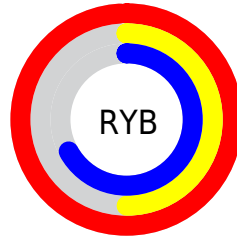
Distribution



Red (99%)

Green (50%)

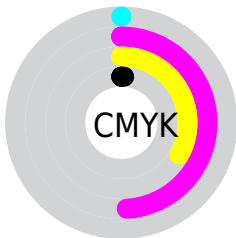
Blue (67%)



Red (99%)

Yellow (50%)

Blue (67%)

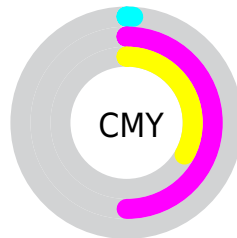


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (1%)



Cyan (1%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD80AA 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 FD80AA by changing the saturation by 10% instead.

 FD80AA

 FD80AA

FFFFFF

 DF6590

 FFB8E1

 C14A76

 FFD4FE

 A42D5D

 FFF1FF

 870846

 6B0030

 4F001B

 370002

 0B0000

 000000

 FD80AA

 FD80AA

 FD6799

 FD99BB

 FD4D88

 FDB3CC

 FD3478

 FDCCDC

 FD1B67

 FDE5ED

 FD0156

FDFFFE

 FD0055

FDFFFF

Harmonies

Analogous

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



E28AD8



FD80AA



FE857C

Triad

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



FD80AA



94B353



00B9F9

Complementary

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



FD80AA



80FDD3

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.



00BFD6



FD80AA



56BC77

Square

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



FD80AA



C3A647



00C0A7



4EADFF

Rectangle

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



FD80AA



F18F62



00C0A7



00BCEF

Sweetspot

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



FD80AA



FFD9E6



D180FD



806970



000000



808080

Same Dimension

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



FD80AA



FF699B



FD9380



807377



BF0040



400015

Inverse Universe

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



FD80AA



FF699B



80EAFD



807377



BF0040



400015

Previews

White Background



This preview shows how the Hex color FD80AA looks on a white background.

Color Contrast Check

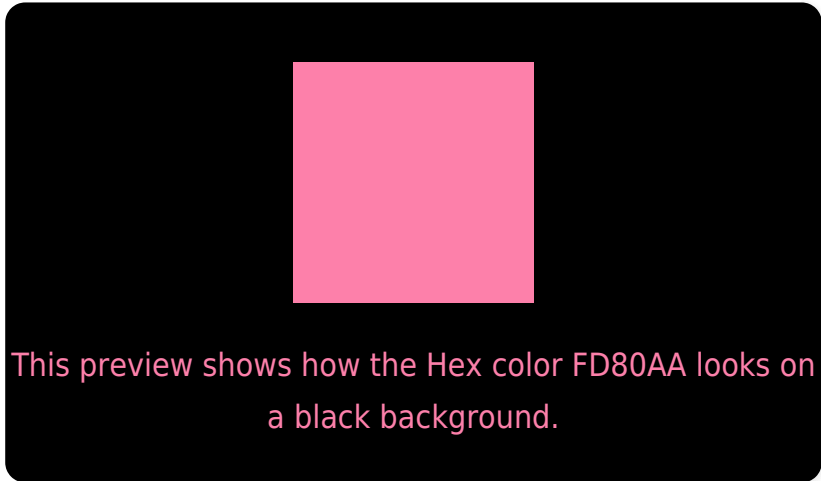
Large Text (above 18pt) WCAG AA × Fail

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 FD80AA Background



This preview shows how black text looks on a background with the Hex color FD80AA.




This preview shows how white text looks on a background with the Hex color FD80AA.

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
FB858F

Trichromacy



Original Color
FD80AA



Protanomaly
C499B9



Deuteranomaly
D296A6



Tritanomaly
FC8399

Monochromacy



Original Color
FD80AA



Achromatopsia
AAAAAA



Achromatomaly
C89BAA

CSS Examples

Text

The CSS property to change the color of the text to Hex FD80AA 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 #FD80AA looks like.

```
.text, #text, p{  
    color:#FD80AA  
}
```

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 #FD80AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD80AA
}
```

Border

The CSS property to change the border of an element to Hex FD80AA 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
#FD80AA }
```

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

```
.border{ border-color:#FD80AA }
```

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

Here you see how a box with a 4 pixel #FD80AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD80AA; -webkit-box-shadow:4px 4px  
4px 4px #FD80AA; box-shadow:4px 4px 4px  
4px #FD80AA }
```

Background

The CSS property to change the background color of an element to Hex FD80AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD80AA }
```

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

```
.background{ background-color:#FD80AA }
```

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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