

Converting Colors

Hex(FB80AA)

Have a look what the booklet for
Hex(FB80AA) contains.

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Color

Hex(FB80AA)

Conversions

Conversions Part 1

Format	Color
Hex	FB80AA
RGB	251, 128, 170
RGB Percent	98%, 50%, 67%
CMY	0.0157, 0.4980, 0.3333
CMYK	0.00, 0.49, 0.32, 0.02
HSL	340°, 94%, 74%
HSV	340°, 49%, 98%
XYZ	54.7585, 38.8499, 42.6429
YIQ	169.5650, 59.8260, 39.1380

Conversions

Conversions Part 2

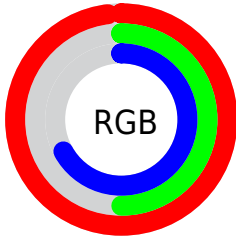
Format	Color
R _Y B	251, 128, 170
Decimal	16482474
CIE Lab	68.64, 51.21, -0.39
CIE LCh	69, 51.210, 359.561
Yxy	38.8499, 0.4019, 0.2851
Android (android.graphics.Color)	4294672554 (0xFFFB80AA)
YUV	169.5650, 0.2145, 71.4185
Hunter-Lab	62.3296, 47.7409, 3.0674

Details

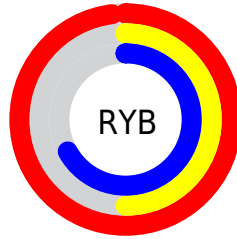
The Hex color **FB80AA** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80FBD1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB8E1**, and **BF4A76** is the 20% darker color. If you saturate the color by 10%, you get **FB6799**, and if you desaturate by 10%, it is **FB99BB**.

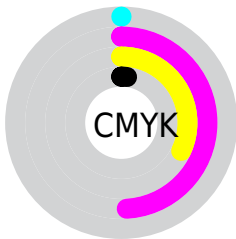
Distribution



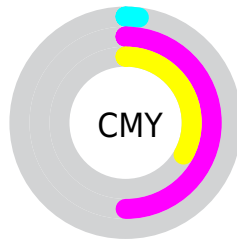
- Red (98%)
- Green (50%)
- Blue (67%)



- Red (98%)
- Yellow (50%)
- Blue (67%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB80AA 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 FB80AA by changing the saturation by 10% instead.

 FB80AA

FFFFFF

 FFB8E1

 FFD4FE

 FFF1FF

 FB80AA

 DD6590

 BF4A76

 A22E5D

 860A46

 6A0030

 4E001B

 360002

 060000

 000000

 FB80AA

 FB80AA

 FB6799

 FB99BB

 FB4E89

 FBB2CB

 FB3578

 FBCBDC

 FB1C68

 FBE4EC

 FB0357

 FBFDFD

 FB0056

 FBFFFF

Harmonies

Analogous

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



E08AD7



FB80AA



FC857C

Triad

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



FB80AA



94B253



00B8F6

Complementary

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



FB80AA



80FBD1

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.



00BED4



FB80AA



58BB77

Square

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



FB80AA



C3A547



00BFA5



4EADFF

Rectangle

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



FB80AA



F08E63



00BFA5



00BBED

Sweetspot

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



FB80AA



FFD9E6



D080FB



806970



000000



808080

Same Dimension

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



FB80AA



FF699C



FB9280



7D7075



BD0040



3D0015

Inverse Universe

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



FB80AA



FF699C



80E9FB



7D7075



BD0040



3D0015

Previews

White Background



This preview shows how the Hex color FB80AA looks on a white background.

Color Contrast Check

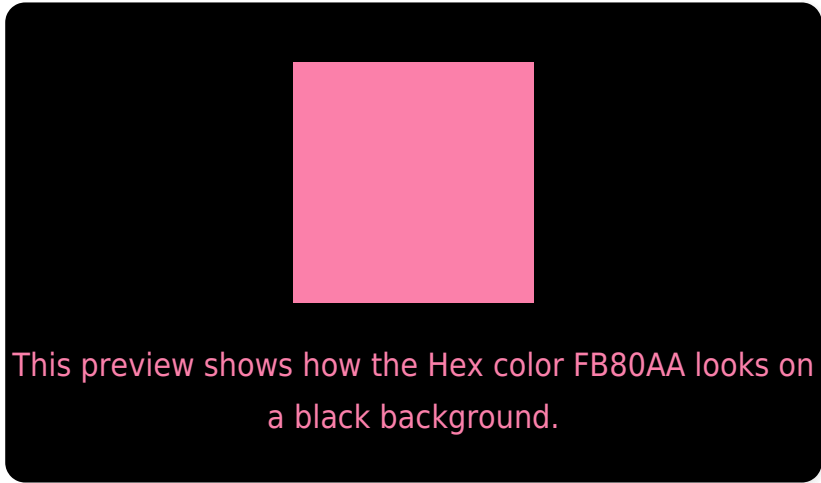
Large Text (above 18pt) WCAG AA × Fail

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 FB80AA Background



This preview shows how black text looks on a background with the Hex color FB80AA.

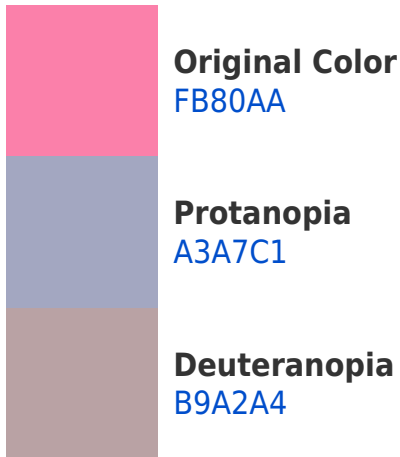


This preview shows how white text looks on a background with the Hex color FB80AA.

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
FB80AA



Protanomaly
C399B9



Deuteranomaly
D196A6



Tritanomaly
FA8399

Monochromacy



Original Color
FB80AA



Achromatopsia
AAAAAA



Achromatomaly
C79BAA

CSS Examples

Text

The CSS property to change the color of the text to Hex FB80AA 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 #FB80AA looks like.

```
.text, #text, p{  
    color:#FB80AA  
}
```

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 #FB80AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB80AA
}
```

Border

The CSS property to change the border of an element to Hex FB80AA 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
#FB80AA }
```

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

```
.border{ border-color:#FB80AA }
```

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

Here you see how a box with a 4 pixel #FB80AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB80AA; -webkit-box-shadow:4px 4px  
4px 4px #FB80AA; box-shadow:4px 4px 4px  
4px #FB80AA }
```

Background

The CSS property to change the background color of an element to Hex FB80AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB80AA }
```

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

```
.background{ background-color:#FB80AA }
```

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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