

Converting Colors

Hex(BF76BB)

Have a look what the booklet for
Hex(BF76BB) contains.

Hex(BF76BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**BF76BB**)

Conversions

Conversions Part 1

Format	Color
Hex	BF76BB
RGB	191, 118, 187
RGB Percent	75%, 46%, 73%
CMY	0.2510, 0.5373, 0.2667
CMYK	0.00, 0.38, 0.02, 0.25
HSL	303°, 36%, 61%
HSV	303°, 38%, 75%
XYZ	36.9339, 27.6211, 50.3985
YIQ	147.6930, 21.3590, 36.9350

Conversions

Conversions Part 2

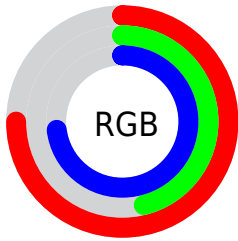
Format	Color
RYB	191, 118, 187
Decimal	12547771
CIELab	59.54, 39.24, -24.46
CIELCh	60, 46.240, 328.064
Yxy	27.6211, 0.3213, 0.2403
Android (android.graphics.Color)	4290737851 (0xFFBF76BB)
YUV	147.6930, 19.3784, 37.9802
Hunter-Lab	52.5558, 33.4695, -20.0672

Details

The Hex color **BF76BB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76BF7A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F8ACF3**, and **884386** is the 20% darker color. If you saturate the color by 10%, you get **BF63BA**, and if you desaturate by 10%, it is **BF89BC**.

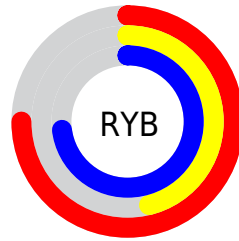
Distribution



Red (75%)

Green (46%)

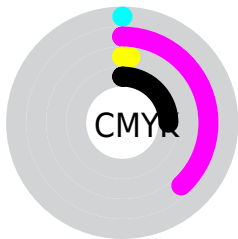
Blue (73%)



Red (75%)

Yellow (46%)

Blue (73%)

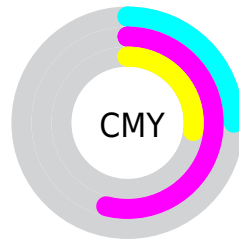


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF76BB 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 BF76BB by changing the saturation by 10% instead.

 BF76BB

 BF76BB

FFFFFF

 A35CA0

 F8ACF3

 884386

 FFC7FF

 6E2A6C

 FFE4FF

 541054

 3B003C

 270027

 00010F

 000000

 BF76BB

 BF76BB

 BF63BA

 BF89BC

 BF50B9

 BF9CBD

 BF3DB8

 BFAFBE

 BF2AB7

 BFC2BF

 BF17B6

 BFD6C0

 BF03B5

 BFE9C1

 BF00B5

 BFFCC2

 BFFFC3

 BFFFC4

Harmonies

Analogous

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



8E86D7



BF76BB



D86D94

Triad

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



BF76BB



A98C3B



00A3B4

Complementary

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



BF76BB



76BF7A

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.



00A48B



BF76BB



819844

Square

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



BF76BB



C97D4B



4DA063



009FD4

Rectangle

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



BF76BB



DC6E78



4DA063



00A4A7

Sweetspot

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



BF76BB



F7DCF6



7A76BF



7D6D7C



FCFCFC



7D7D7D

Same Dimension

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



BF76BB



F786F1



BF7697



5E555E



9E0095



1F001D

Inverse Universe

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



BF76BB



F786F1



76BF9E



5E555E



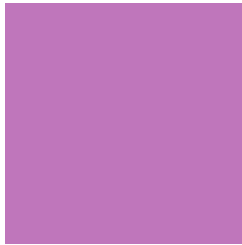
9E0095



1F001D

Previews

White Background



This preview shows how the Hex color BF76BB looks on a white background.

Color Contrast Check

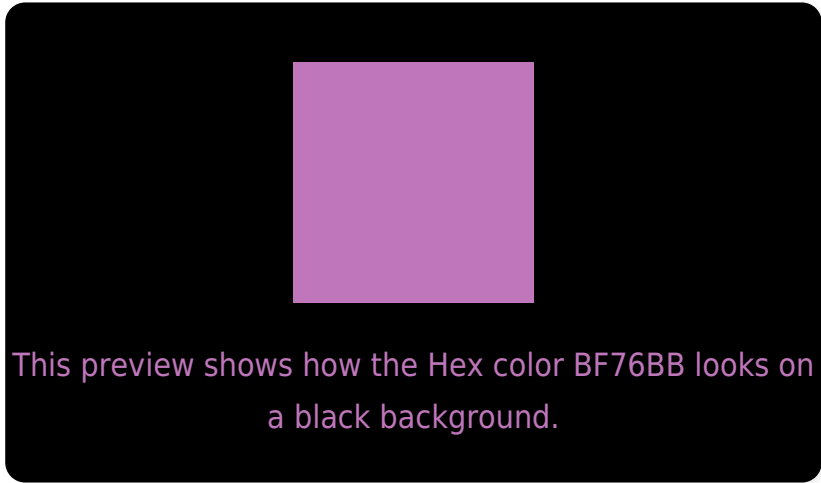
Large Text (above 18pt) WCAG AA ✓ Pass

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

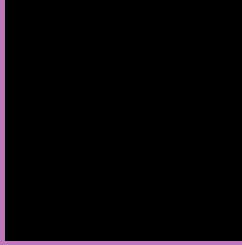
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BF76BB Background



This preview shows how black text looks on a background with the Hex color BF76BB.

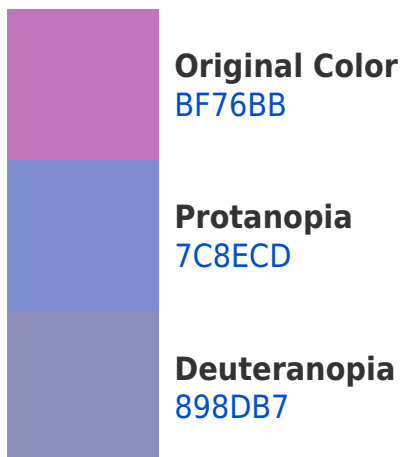


This preview shows how white text looks on a background with the Hex color BF76BB.

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
B9808A

Trichromacy



Original Color
BF76BB



Protanomaly
9485C6



Deuteranomaly
9D85B8

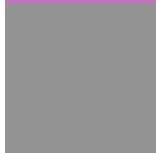


Tritanomaly
BB7C9C

Monochromacy



Original Color
BF76BB



Achromatopsia
949494



Achromatomaly
A489A2

CSS Examples

Text

The CSS property to change the color of the text to Hex BF76BB 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 #BF76BB looks like.

```
.text, #text, p{  
  color:#BF76BB  
}
```

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 #BF76BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF76BB  
}
```

Border

The CSS property to change the border of an element to Hex BF76BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

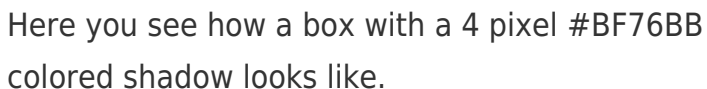
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BF76BB }
```

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

```
.border{ border-color:#BF76BB }
```

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



Here you see how a box with a 4 pixel `#BF76BB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF76BB; -webkit-box-shadow:4px 4px  
4px 4px #BF76BB; box-shadow:4px 4px 4px  
4px #BF76BB }
```

Background

The CSS property to change the background color of an element to Hex BF76BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF76BB }
```

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

```
.background{ background-color:#BF76BB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor