

Converting Colors

Hex(BE80BE)

Have a look what the booklet for
Hex(BE80BE) contains.

Hex(BE80BE)	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(BE80BE)

Conversions

Conversions Part 1

Format	Color
Hex	BE80BE
RGB	190, 128, 190
RGB Percent	75%, 50%, 75%
CMY	0.2549, 0.4980, 0.2549
CMYK	0.00, 0.33, 0.00, 0.25
HSL	300°, 32%, 62%
HSV	300°, 33%, 75%
XYZ	38.2486, 30.1032, 52.5098
YIQ	153.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

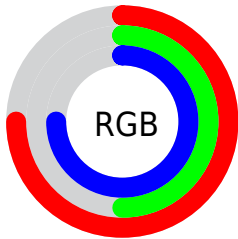
Format	Color
R_{YB}	190, 128, 190
Decimal	12484798
CIE _{Lab}	61.74, 34.04, -22.80
CIE _{LCh}	62, 40.974, 326.189
Yxy	30.1032, 0.3165, 0.2491
Android (android.graphics.Color)	4290674878 (0xFFBE80BE)
YUV	153.6060, 17.9422, 31.9175
Hunter-Lab	54.8664, 28.4204, -18.3369

Details

The Hex color **BE80BE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80BE80**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F7B6F6**, and **874D88** is the 20% darker color. If you saturate the color by 10%, you get **BE6DBE**, and if you desaturate by 10%, it is **BE93BE**.

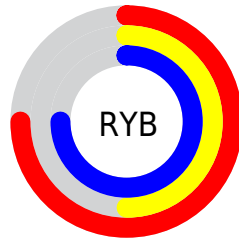
Distribution



Red (75%)

Green (50%)

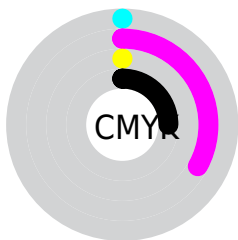
Blue (75%)



Red (75%)

Yellow (50%)

Blue (75%)

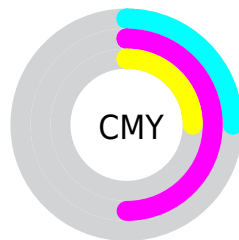


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE80BE 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 BE80BE by changing the saturation by 10% instead.

 BE80BE

 BE80BE

FFFFFF

 A266A3

 F7B6F6

 874D88

 FFD2FF

 6D356F

 FFEEFF

 541D56

 3B033F

 270029

 000113

 000000

 BE80BE

 BE80BE

 BE6DBE

 BE93BE

 BE5ABE

 BEA6BE

 BE47BE

 BEB9BE

 BE34BE

 BECCBE

 BE21BE

 BEDFBE

 BE0EBE

 BEF2BE

 BE00BE

 BEFFBE

Harmonies

Analogous

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



918DD6



BE80BE



D6789B

Triad

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



BE80BE



B0914B



00A7B4

Complementary

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



BE80BE



80BE80

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.



1BA88F



BE80BE



8B9D52

Square

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



BE80BE



CB845A



60A46B



00A3D1

Rectangle

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



BE80BE



DB7883



60A46B



00A8A8

Sweetspot

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



BE80BE



F7DFF7



8080BE



7D6E7D



FCFCFC



7D7D7D

Same Dimension

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



BE80BE



F797F7



BE809F



5E555E



9E009E



1F001F

Inverse Universe

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



BE80BE



F797F7



80BE9F



5E555E



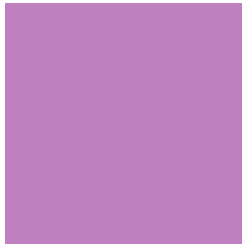
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color BE80BE looks on a white background.

Color Contrast Check

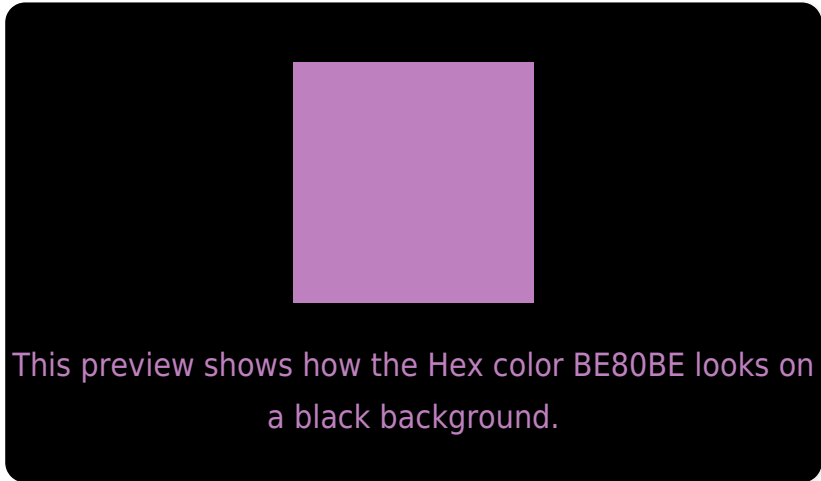
Large Text (above 18pt) WCAG AA × Fail

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

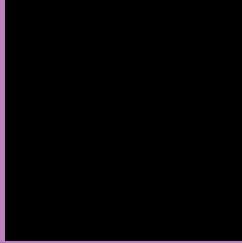
Any Text WCAG AA ✓ Pass

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 BE80BE Background



This preview shows how black text looks on a background with the Hex color BE80BE.



This preview shows how white text looks on a background with the Hex color BE80BE.

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
B88993

Trichromacy



Original Color
BE80BE



Protanomaly
9A8DC7



Deuteranomaly
A18BBC

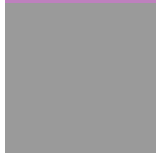


Tritanomaly
BA86A3

Monochromacy



Original Color
BE80BE



Achromatopsia
9A9A9A



Achromatomaly
A791A7

CSS Examples

Text

The CSS property to change the color of the text to Hex BE80BE 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 #BE80BE looks like.

```
.text, #text, p{  
    color:#BE80BE  
}
```

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 #BE80BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE80BE
}
```

Border

The CSS property to change the border of an element to Hex BE80BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

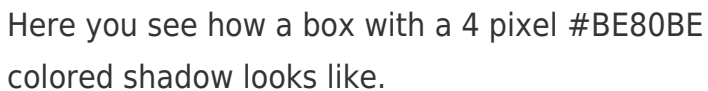
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE80BE }
```

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

```
.border{ border-color:#BE80BE }
```

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



Here you see how a box with a 4 pixel `#BE80BE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE80BE; -webkit-box-shadow:4px 4px  
4px 4px #BE80BE; box-shadow:4px 4px 4px  
4px #BE80BE }
```

Background

The CSS property to change the background color of an element to Hex BE80BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE80BE }
```

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

```
.background{ background-color:#BE80BE }
```

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