

# Converting Colors

Hex(BE84B7)

Have a look what the booklet for  
Hex(BE84B7) contains.

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# Color

**Hex(BE84B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE84B7
RGB	190, 132, 183
RGB Percent	75%, 52%, 72%
CMY	0.2549, 0.4824, 0.2824
CMYK	0.00, 0.31, 0.04, 0.25
HSL	307°, 31%, 63%
HSV	307°, 31%, 75%
XYZ	38.0337, 30.8686, 48.7534
YIQ	155.1560, 18.1970, 28.1570

# Conversions

## Conversions Part 2

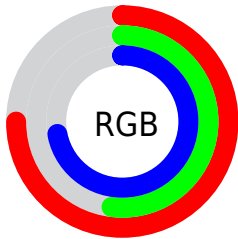
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 132, 183
Decimal	12485815
CIE <sub>Lab</sub>	62.40, 30.54, -17.84
CIE <sub>LCh</sub>	62, 35.365, 329.704
Yxy	30.8686, 0.3233, 0.2624
Android (android.graphics.Color)	4290675895 (0xFFBE84B7)
YUV	155.1560, 13.7271, 30.5582
Hunter-Lab	55.5595, 24.9645, -13.1352

# Details

The Hex color **BE84B7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84BE8B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F7BAEF**, and **885182** is the 20% darker color. If you saturate the color by 10%, you get **BE71B5**, and if you desaturate by 10%, it is **BE97B9**.

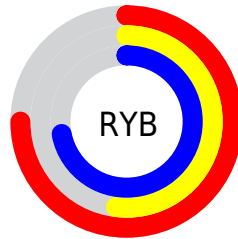
# Distribution



Red (75%)

Green (52%)

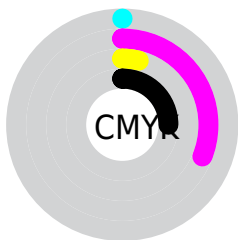
Blue (72%)



Red (75%)

Yellow (52%)

Blue (72%)

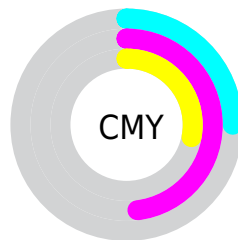


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE84B7 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 BE84B7 by changing the saturation by 10% instead.



 BE84B7

 BE84B7

FFFFFF

 A26A9C

 F7BAEF

 885182

 FFD6FF

 6E3969

 FFF2FF

 542250

 3C0939

 270024

 00000B

 000000

 BE84B7

 BE84B7

 BE71B5

 BE97B9

 BE5EB2

 BEAABC

 BE4BB0

 BEBDBE

 BE38AE

 BED0C0

 BE25AC

 BEE3C2

 BE12A9

 BEF6C5

 BE00A7

 BEFFC7

 BEFFC9

 BEFFCC

# Harmonies

## Analogous

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



9A8FCD



BE84B7



D17E98

# Triad

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



BE84B7



AC9557



00A7B5

# Complementary

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



BE84B7



84BE8B

# 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.



39A795



BE84B7



8B9E5F

# Square

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



BE84B7



C58A62



66A576



2CA2CC

# Rectangle

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



BE84B7



D47F83



66A576



12A7AB



# Sweetspot

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



BE84B7



F7E1F5



8B84BE



7D6F7B



FCFCFC



7D7D7D



# Same Dimension

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



BE84B7



F79CEC



BE849A



5E555D



9E008B



1F001B



# Inverse Universe

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



BE84B7



F79CEC



84BEA8



5E555D



9E008B

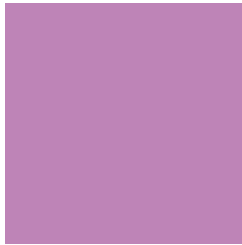


1F001B



# Previews

## White Background



This preview shows how the Hex color BE84B7 looks on a white background.

## Color Contrast Check

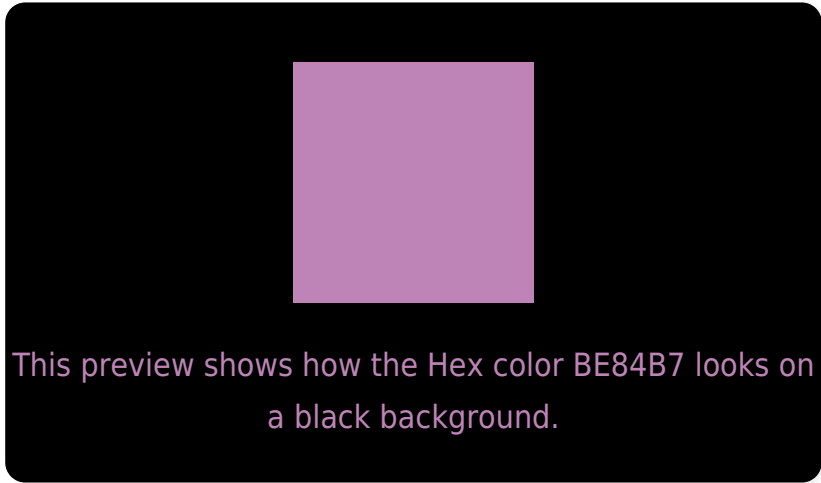
Large Text (above 18pt) WCAG AA × Fail

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

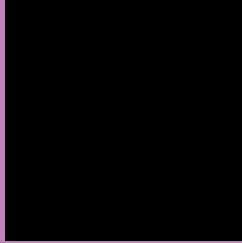
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BE84B7 Background



This preview shows how black text looks on a background with the Hex color BE84B7.

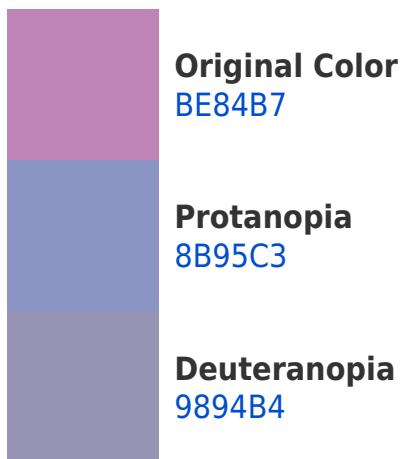



This preview shows how white text looks on a background with the Hex color BE84B7.

# 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**  
BA8A95

# Trichromacy



**Original Color**  
BE84B7

**Protanomaly**  
9E8FBF

**Deuteranomaly**  
A68EB5

**Tritanomaly**  
BB88A1

# Monochromacy



**Original Color**  
BE84B7

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A893A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE84B7 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 #BE84B7 looks like.

```
.text, #text, p{  
  color:#BE84B7  
}
```

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 #BE84B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE84B7
}
```

## Border

The CSS property to change the border of an element to Hex BE84B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

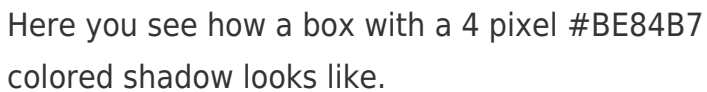
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE84B7 }
```

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

```
.border{ border-color:#BE84B7 }
```

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



Here you see how a box with a 4 pixel `#BE84B7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE84B7; -webkit-box-shadow:4px 4px  
4px 4px #BE84B7; box-shadow:4px 4px 4px  
4px #BE84B7 }
```

# Background

The CSS property to change the background color of an element to Hex BE84B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE84B7 }
```

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

```
.background{ background-color:#BE84B7 }
```

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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