

# Converting Colors

Hex(B87E8B)

Have a look what the booklet for  
Hex(B87E8B) contains.

<b>Hex(B87E8B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**B87E8B**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B87E8B</b>
RGB	<b>184, 126, 139</b>
RGB Percent	<b>72%, 49%, 55%</b>
CMY	<b>0.2784, 0.5059, 0.4549</b>
CMYK	<b>0.00, 0.32, 0.24, 0.28</b>
HSL	<b>347°, 29%, 61%</b>
HSV	<b>347°, 32%, 72%</b>
XYZ	<b>31.8882, 26.9761, 27.9523</b>
YIQ	<b>144.8240, 30.3950, 16.3390</b>

# Conversions

## Conversions Part 2

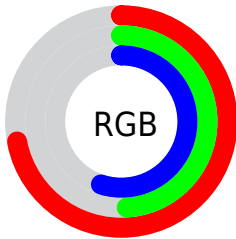
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 126, 139
Decimal	12091019
CIELab	58.95, 24.36, 2.12
CIElCh	59, 24.452, 4.967
Yxy	26.9761, 0.3673, 0.3107
Android (android.graphics.Color)	4290281099 (0xFFB87E8B)
YUV	144.8240, -2.8712, 34.3574
Hunter-Lab	51.9386, 18.6995, 4.4483

# Details

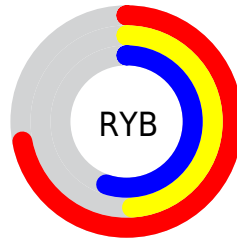
The Hex color **B87E8B** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7EB8AB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F1B3C0**, and **824C59** is the 20% darker color. If you saturate the color by 10%, you get **B86C7D**, and if you desaturate by 10%, it is **B89099**.

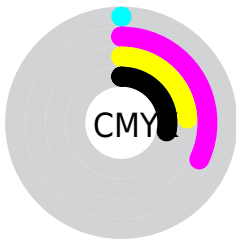
# Distribution



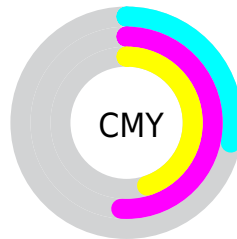
- Red (72%)
- Green (49%)
- Blue (55%)



- Red (72%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87E8B 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 B87E8B by changing the saturation by 10% instead.



 B87E8B

 B87E8B

FFFFFF

 9C6572

 F1B3C0

 824C59

 FFCFDC

 683542

 FFEBF9

 4E1E2C

 360717

 220001

 000000

 B87E8B

 B87E8B

 B86C7D

 B89099

 B8596E

 B8A3A8

 B84760

 B8B5B6

 B83452

 B8C8C4

 B82244

 B8DAD2

 B81035

 B8ECE1

 B80029

 B8FFEF

 B8FFFD

 B8FFFF

# Harmonies

## Analogous

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



AC81A0



B87E8B



B88076

# Triad

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



B87E8B



82946A



5B95B4

# Complementary

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



B87E8B



7EB8AB

# 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.



4C99A6



B87E8B



6A987B

# Square

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



B87E8B



9A8E63



549A91



788FB8

# Rectangle

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



B87E8B



B1846C



549A91



5397B0



# Sweetspot

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



B87E8B



F0DADF



AA7EB8



786B6E



F7F7F7



787878



# Same Dimension

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



B87E8B



F095A9



B88D7E



5C5355



9C0023



1C0006



# Inverse Universe

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



B87E8B



F095A9



7EA9B8



5C5355



9C0023

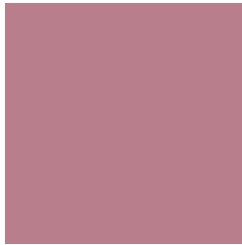


1C0006



# Previews

## White Background



This preview shows how the Hex color B87E8B looks on a white background.

## Color Contrast Check

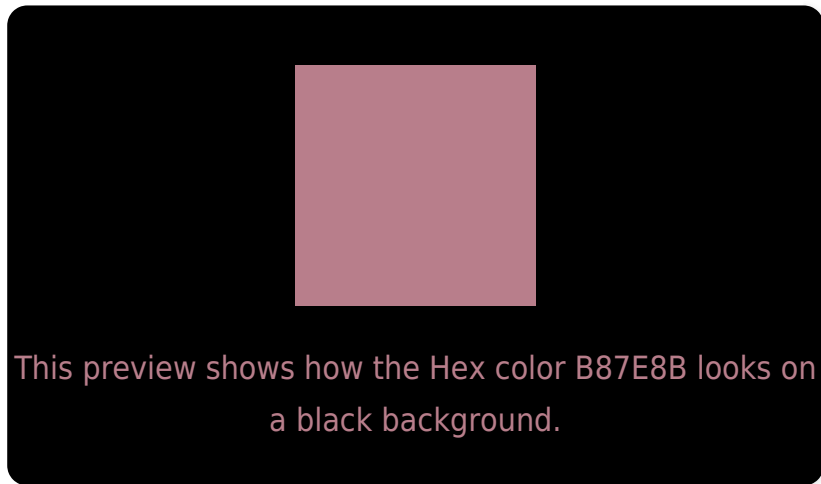
Large Text (above 18pt) WCAG AA ✓ Pass

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 B87E8B Background



This preview shows how black text looks on a background with the Hex color B87E8B.



This preview shows how white text looks on a background with the Hex color B87E8B.

# 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**  
B87E88

# Trichromacy



**Original Color**  
B87E8B

**Protanomaly**  
9E8891

**Deuteranomaly**  
A7858A

**Tritanomaly**  
B87E89

# Monochromacy



**Original Color**  
B87E8B

**Achromatopsia**  
919191

**Achromatomaly**  
9F8A8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87E8B 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 #B87E8B looks like.

```
.text, #text, p{  
    color:#B87E8B  
}
```

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 #B87E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87E8B
}
```

## Border

The CSS property to change the border of an element to Hex B87E8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

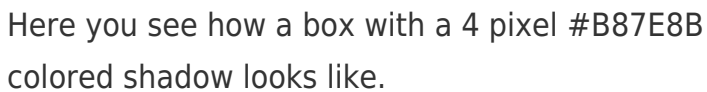
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B87E8B }
```

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

```
.border{ border-color:#B87E8B }
```

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



Here you see how a box with a 4 pixel `#B87E8B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87E8B; -webkit-box-shadow:4px 4px  
4px 4px #B87E8B; box-shadow:4px 4px 4px  
4px #B87E8B }
```

# Background

The CSS property to change the background color of an element to Hex B87E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87E8B }
```

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

```
.background{ background-color:#B87E8B }
```

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