

# Converting Colors

Hex(BD87AA)

Have a look what the booklet for  
Hex(BD87AA) contains.

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# **Color**

**Hex(BD87AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD87AA
RGB	189, 135, 170
RGB Percent	74%, 53%, 67%
CMY	0.2588, 0.4706, 0.3333
CMYK	0.00, 0.29, 0.10, 0.26
HSL	321°, 29%, 64%
HSV	321°, 29%, 74%
XYZ	36.9059, 31.0490, 42.0781
YIQ	155.1360, 20.9490, 22.3330

# Conversions

## Conversions Part 2

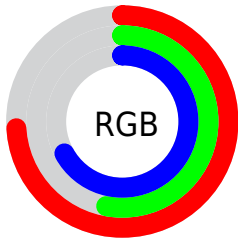
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 135, 170
Decimal	12421034
CIELab	62.55, 26.20, -10.25
CIELCh	63, 28.133, 338.635
Yxy	31.0490, 0.3354, 0.2822
Android (android.graphics.Color)	4290611114 (0xFFBD87AA)
YUV	155.1360, 7.3280, 29.6987
Hunter-Lab	55.7217, 20.7124, -5.7676

# Details

The Hex color **BD87AA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87BD9A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **F6BDE1**, and **875476** is the 20% darker color. If you saturate the color by 10%, you get **BD74A3**, and if you desaturate by 10%, it is **BD9AB1**.

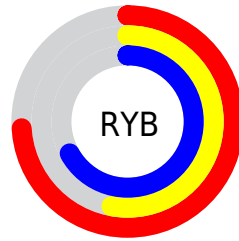
# Distribution



Red (74%)

Green (53%)

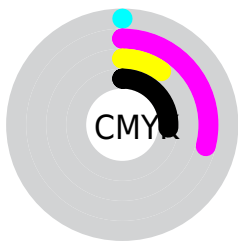
Blue (67%)



Red (74%)

Yellow (53%)

Blue (67%)

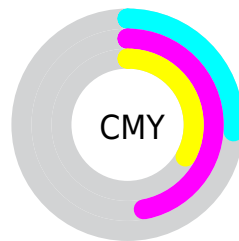


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD87AA 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 BD87AA by changing the saturation by 10% instead.



 BD87AA

 BD87AA

FFFFFF

 A26D90

 F6BDE1

 875476

 FFD9FE

 6D3D5D

 FFF5FF

 542646

 3C0F2F

 27001B

 000000

 BD87AA

 BD87AA

 BD74A3

 BD9AB1

 BD619D

 BDADB7

 BD4E96

 BDC0BE

 BD3B8F

 BDD3C5

 BD2889

 BDE6CB

 BD1682

 BDF8D2

 BD037B

 BDFFD9

 BD007A

 BDFDFD

 BDFFE6

# Harmonies

## Analogous

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



A48EBE



BD87AA



C98591

# Triad

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



BD87AA



A29866



46A4B6

# Complementary

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



BD87AA



87BD9A

# 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.



4FA59E



BD87AA



869F70

# Square

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



BD87AA



B89069



69A484



5D9FC5

# Rectangle

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



BD87AA



C98681



69A484



46A4AE



# Sweetspot

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



BD87AA



F5DFED



9A87BD



7A6D76



FAFAFA



7A7A7A



# Same Dimension

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



BD87AA



F5A2D8



BD878F



5E555B



9E0066



1F0014



# Inverse Universe

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



BD87AA



F5A2D8



87BDB5



5E555B



9E0066

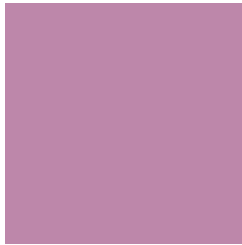


1F0014



# Previews

## White Background



This preview shows how the Hex color BD87AA looks on a white background.

## Color Contrast Check

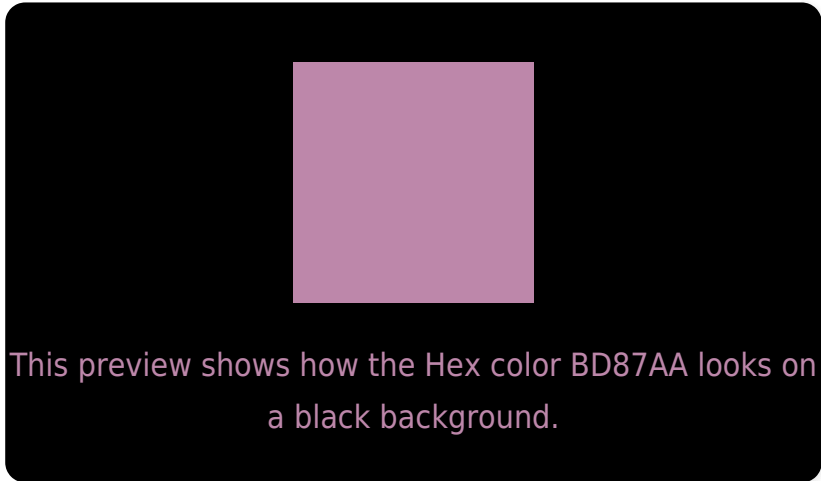
Large Text (above 18pt) WCAG AA × Fail

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

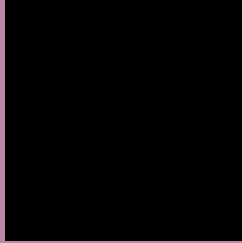
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BD87AA Background



This preview shows how black text looks on a background with the Hex color BD87AA.



This preview shows how white text looks on a background with the Hex color BD87AA.

# 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



**Original Color**  
BD87AA

**Protanopia**  
9296B4

**Deuteranopia**  
9F93A8



**Tritanopia**  
BA8B95

# Trichromacy



**Original Color**  
BD87AA

**Protanomaly**  
A291B0

**Deuteranomaly**  
AA8FA9

**Tritanomaly**  
BB8A9D

# Monochromacy



**Original Color**  
BD87AA

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
A794A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD87AA 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 #BD87AA looks like.

```
.text, #text, p{  
    color:#BD87AA  
}
```

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 #BD87AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD87AA
}
```

## Border

The CSS property to change the border of an element to Hex BD87AA 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
#BD87AA }
```

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

```
.border{ border-color:#BD87AA }
```

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

Here you see how a box with a 4 pixel #BD87AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD87AA; -webkit-box-shadow:4px 4px  
4px 4px #BD87AA; box-shadow:4px 4px 4px  
4px #BD87AA }
```

# Background

The CSS property to change the background color of an element to Hex BD87AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD87AA }
```

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

```
.background{ background-color:#BD87AA }
```

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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