

Converting Colors

Hex(BD87BC)

Have a look what the booklet for
Hex(BD87BC) contains.

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Color

Hex(BD87BC)

Conversions

Conversions Part 1

Format	Color
Hex	BD87BC
RGB	189, 135, 188
RGB Percent	74%, 53%, 74%
CMY	0.2588, 0.4706, 0.2627
CMYK	0.00, 0.29, 0.01, 0.26
HSL	301°, 29%, 64%
HSV	301°, 29%, 74%
XYZ	38.7273, 31.7776, 51.6695
YIQ	157.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

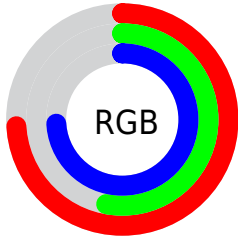
Format	Color
RYB	189, 135, 188
Decimal	12421052
CIELab	63.16, 29.48, -19.52
CIELCh	63, 35.353, 326.489
Yxy	31.7776, 0.3170, 0.2601
Android (android.graphics.Color)	4290611132 (0xFFBD87BC)
YUV	157.1880, 15.1903, 27.8991
Hunter-Lab	56.3716, 23.9793, -14.8843

Details

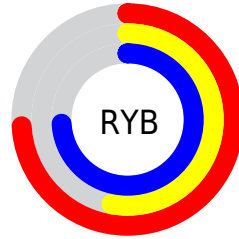
The Hex color **BD87BC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87BD88**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F6BDF4**, and **875487** is the 20% darker color. If you saturate the color by 10%, you get **BD74BC**, and if you desaturate by 10%, it is **BD9ABC**.

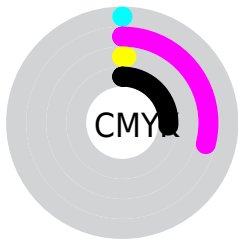
Distribution



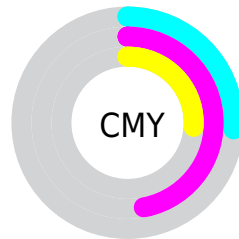
- Red (74%)
- Green (53%)
- Blue (74%)



- Red (74%)
- Yellow (53%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD87BC 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 BD87BC by changing the saturation by 10% instead.

 BD87BC

 BD87BC

FFFFFF

 A26DA1

 F6BDF4

 875487

 FFD9FF

 6D3C6D

 FFF6FF

 542555

 3C0D3D

 260028

 000111

 000000

 BD87BC

 BD87BC

 BD74BC

 BD9ABC

 BD61BB

 BDADBD

 BD4EBB

 BDC0BD

 BD3BBB

 BDD3BD

 BD28BA

 BDE6BE

 BD16BA

 BDF8BE

 BD03BA

 BDFFB E

 BD00BA

 BDFFB F

Harmonies

Analogous

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



9792D1



BD87BC



D2819E

Triad

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



BD87BC



B1965A



0AA9B4

Complementary

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



BD87BC



87BD88

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.



41A994



BD87BC



919F5F

Square

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



BD87BC



C98B65



6CA675



28A5CC

Rectangle

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



BD87BC



D68189



6CA675



1EAAAA

Sweetspot

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



BD87BC



F5DFF4



8887BD



7A6D7A



FAFAFA



7A7A7A

Same Dimension

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



BD87BC



F5A2F3



BD87A1



5E555E



9E009B



1F001E

Inverse Universe

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



BD87BC



F5A2F3



87BDA3



5E555E



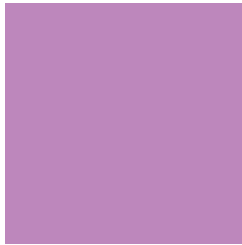
9E009B



1F001E

Previews

White Background



This preview shows how the Hex color BD87BC looks on a white background.

Color Contrast Check

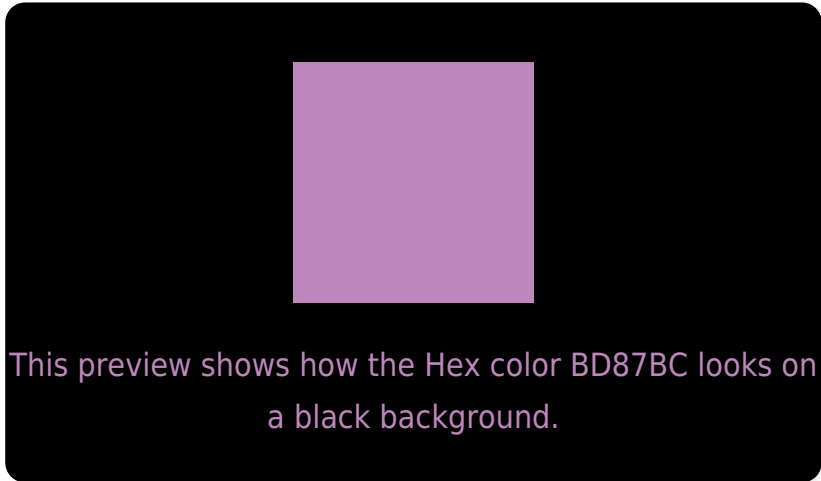
Large Text (above 18pt) WCAG AA × Fail

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

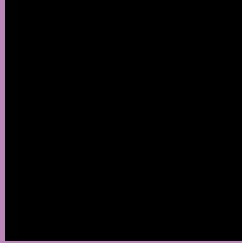
Any Text WCAG AA ✓ Pass

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 BD87BC Background



This preview shows how black text looks on a background with the Hex color BD87BC.

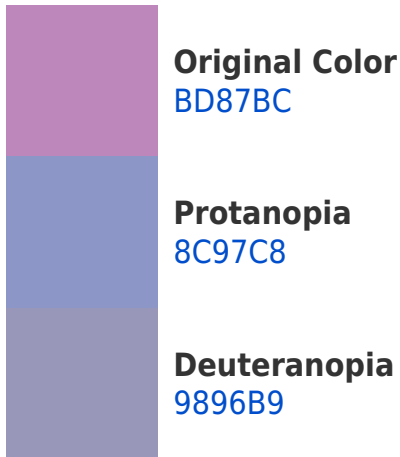


This preview shows how white text looks on a background with the Hex color BD87BC.

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](#).

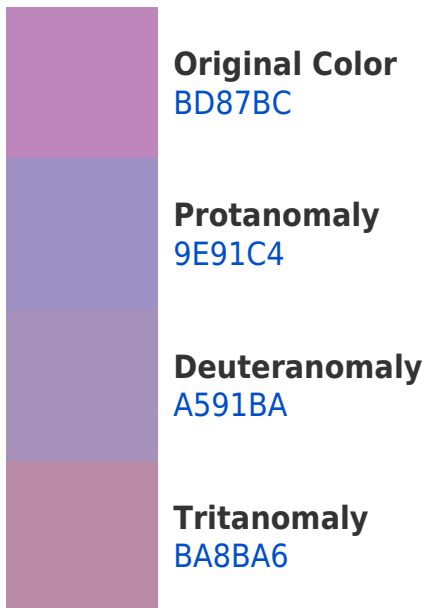
Dichromacy



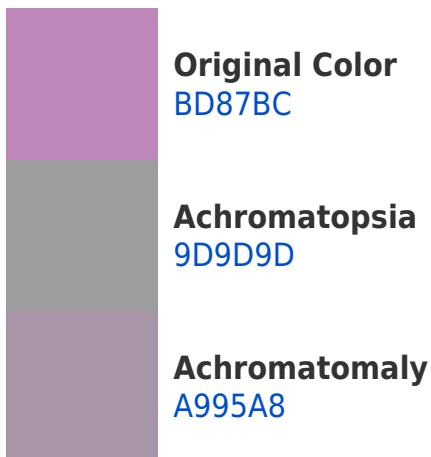


Tritanopia
B88E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD87BC 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 #BD87BC looks like.

```
.text, #text, p{  
  color:#BD87BC  
}
```

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 #BD87BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD87BC  
}
```

Border

The CSS property to change the border of an element to Hex BD87BC 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  
#BD87BC }
```

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

```
.border{ border-color:#BD87BC }
```

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

Here you see how a box with a 4 pixel #BD87BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD87BC; -webkit-box-shadow:4px 4px  
4px 4px #BD87BC; box-shadow:4px 4px 4px  
4px #BD87BC }
```

Background

The CSS property to change the background color of an element to Hex BD87BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD87BC }
```

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

```
.background{ background-color:#BD87BC }
```

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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