

Converting Colors

Hex(BD86A7)

Have a look what the booklet for
Hex(BD86A7) contains.

Hex(BD86A7)	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(BD86A7)

Conversions

Conversions Part 1

Format	Color
Hex	BD86A7
RGB	189, 134, 167
RGB Percent	74%, 53%, 65%
CMY	0.2588, 0.4745, 0.3451
CMYK	0.00, 0.29, 0.12, 0.26
HSL	324°, 29%, 63%
HSV	324°, 29%, 74%
XYZ	36.4864, 30.6590, 40.5540
YIQ	154.2070, 22.1870, 21.9230

Conversions

Conversions Part 2

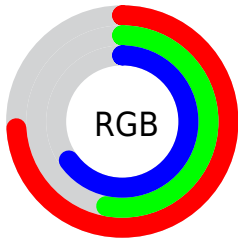
Format	Color
R_{YB}	189, 134, 167
Decimal	12420775
CIE _{Lab}	62.22, 26.24, -9.04
CIE _{LCh}	62, 27.749, 340.992
Yxy	30.6590, 0.3388, 0.2847
Android (android.graphics.Color)	4290610855 (0xFFBD86A7)
YUV	154.2070, 6.3069, 30.5135
Hunter-Lab	55.3706, 20.7239, -4.6651

Details

The Hex color **BD86A7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86BD9C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F6BCDE**, and **875473** is the 20% darker color. If you saturate the color by 10%, you get **BD739F**, and if you desaturate by 10%, it is **BD99AF**.

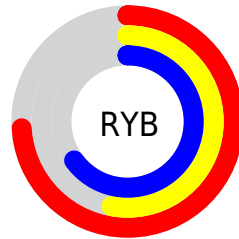
Distribution



Red (74%)

Green (53%)

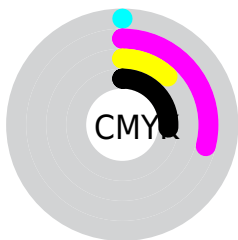
Blue (65%)



Red (74%)

Yellow (53%)

Blue (65%)

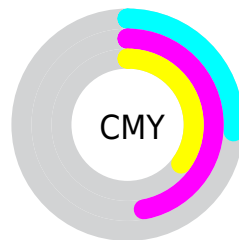


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD86A7 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 BD86A7 by changing the saturation by 10% instead.

 BD86A7

 BD86A7

FFFFFF

 A26C8D

 F6BCDE

 875473

 FFD8FB

 6D3C5B

 FFF4FF

 542543

 3C0E2D

 270019

 000000

 BD86A7

 BD86A7

 BD739F

 BD99AF

 BD6098

 BDACB6

 BD4D90

 BDBFBE

 BD3A89

 BDD2C5

 BD2781

 BDE5CD

 BD157A

 BDF7D4

 BD0272

 BDF7DC

 BD0071

 BDFFE3

 BDFFE8

Harmonies

Analogous

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



A58DBC



BD86A7



C7848E

Triad

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



BD86A7



9F9866



48A2B6

Complementary

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



BD86A7



86BD9C

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.



4EA49F



BD86A7



839F71

Square

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



BD86A7



B58F68



66A386



5F9DC4

Rectangle

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



BD86A7



C7867E



66A386



46A3AF

Sweetspot

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



BD86A7



F5DFEC



9C86BD



7A6D75



FAFAFA



7A7A7A

Same Dimension

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



BD86A7



F59FD3



BD868C



5E555B



9E005F



1F0012

Inverse Universe

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



BD86A7



F59FD3



86BDB8



5E555B



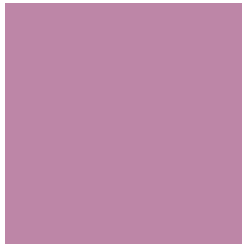
9E005F



1F0012

Previews

White Background



This preview shows how the Hex color BD86A7 looks on a white background.

Color Contrast Check

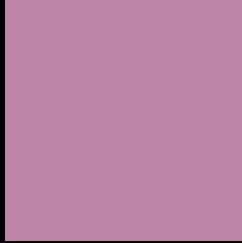
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color BD86A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

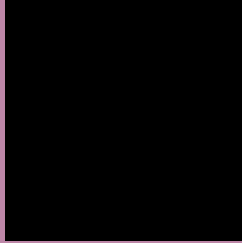
Any Text WCAG AA ✓ Pass

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 BD86A7 Background



This preview shows how black text looks on a background with the Hex color BD86A7.

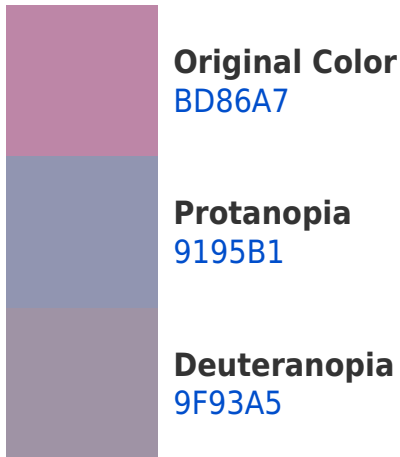


This preview shows how white text looks on a background with the Hex color BD86A7.

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](#).

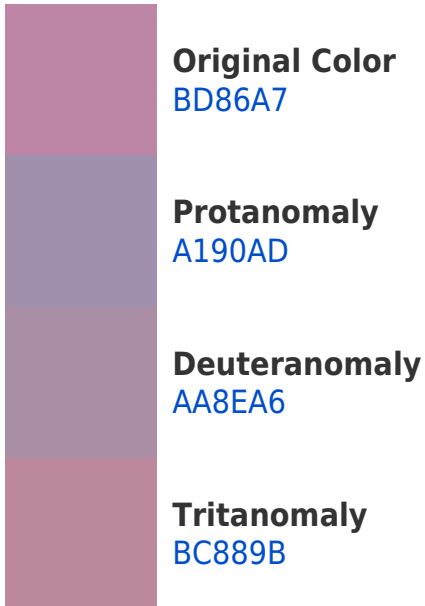
Dichromacy



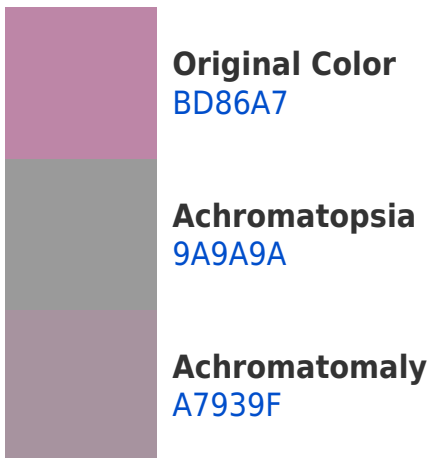


Tritanopia
BB8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD86A7 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 #BD86A7 looks like.

```
.text, #text, p{  
    color:#BD86A7  
}
```

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 #BD86A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD86A7
}
```

Border

The CSS property to change the border of an element to Hex BD86A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

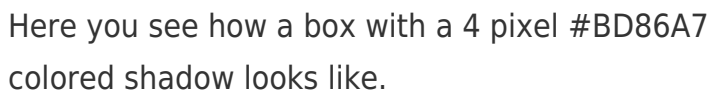
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD86A7 }
```

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

```
.border{ border-color:#BD86A7 }
```

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



Here you see how a box with a 4 pixel `#BD86A7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD86A7; -webkit-box-shadow:4px 4px  
4px 4px #BD86A7; box-shadow:4px 4px 4px  
4px #BD86A7 }
```

Background

The CSS property to change the background color of an element to Hex BD86A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD86A7 }
```

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

```
.background{ background-color:#BD86A7 }
```

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