

Converting Colors

Hex(BD80A6)

Have a look what the booklet for
Hex(BD80A6) contains.

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Color

Hex(BD80A6)

Conversions

Conversions Part 1

Format	Color
Hex	BD80A6
RGB	189, 128, 166
RGB Percent	74%, 50%, 65%
CMY	0.2588, 0.4980, 0.3490
CMYK	0.00, 0.32, 0.12, 0.26
HSL	323°, 32%, 62%
HSV	323°, 32%, 74%
XYZ	35.5884, 29.0103, 39.8002
YIQ	150.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

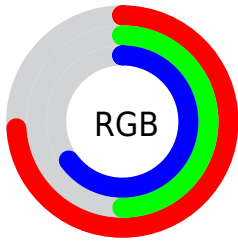
Format	Color
RYB	189, 128, 166
Decimal	12419238
CIELab	60.79, 29.38, -10.60
CIElCh	61, 31.239, 340.159
Yxy	29.0103, 0.3409, 0.2779
Android (android.graphics.Color)	4290609318 (0xFFBD80A6)
YUV	150.5710, 7.6065, 33.7022
Hunter-Lab	53.8612, 23.6852, -6.1089

Details

The Hex color **BD80A6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80BD97**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F6B6DD**, and **874E72** is the 20% darker color. If you saturate the color by 10%, you get **BD6D9F**, and if you desaturate by 10%, it is **BD93AD**.

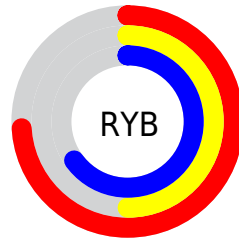
Distribution



Red (74%)

Green (50%)

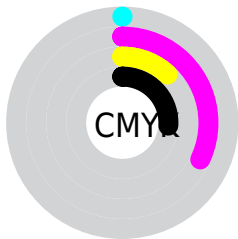
Blue (65%)



Red (74%)

Yellow (50%)

Blue (65%)

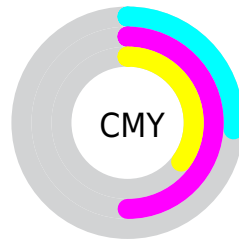


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (50%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD80A6 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 BD80A6 by changing the saturation by 10% instead.

 BD80A6

 BD80A6

FFFFFF

 A1668C

 F6B6DD

 874E72

 FFD1FA

 6D365A

 FFEEFF

 531E42

 3B062C

 270018

 000000

 BD80A6

 BD80A6

 BD6D9F

 BD93AD

 BD5A98

 BDA6B4

 BD4791

 BDB9BB

 BD3489

 BDCCC3

 BD2182

 BDDFCA

 BD0F7B

 BDF1D1

 BD0076

 BDFFD8

 BDFDFD

 BDFFE6

Harmonies

Analogous

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



A288BD



BD80A6



C97E8A

Triad

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



BD80A6



9C945C



2EA0B5

Complementary

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



BD80A6



80BD97

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.



3AA29B



BD80A6



7E9B68

Square

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



BD80A6



B58B5F



5CA07F



4E9BC6

Rectangle

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



BD80A6



C88078



5CA07F



2DA1AD

Sweetspot

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



BD80A6



F5DCEC



9680BD



7A6C75



FAFAFA



7A7A7A

Same Dimension

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



BD80A6



F595D1



BD8088



5E555B



9E0062



1F0013

Inverse Universe

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



BD80A6



F595D1



80BDB5



5E555B



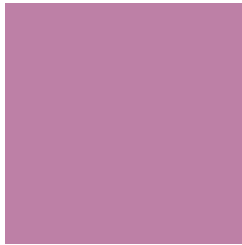
9E0062



1F0013

Previews

White Background



This preview shows how the Hex color BD80A6 looks on a white background.

Color Contrast Check

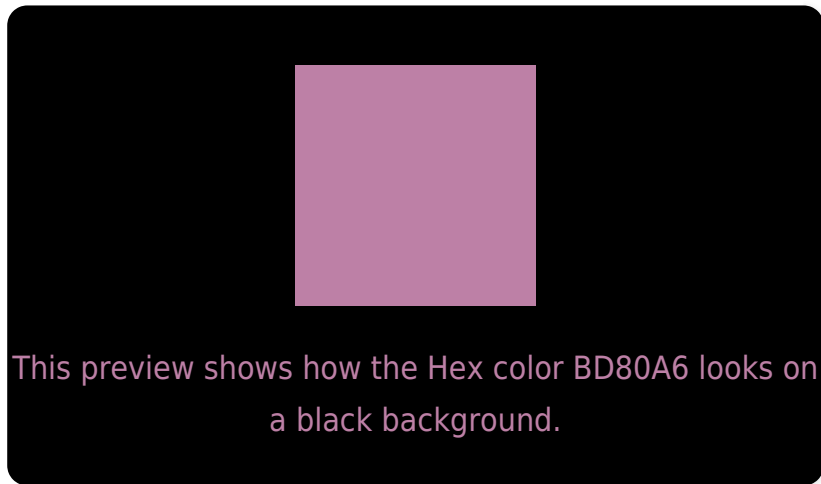
Large Text (above 18pt) WCAG AA ✓ Pass

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

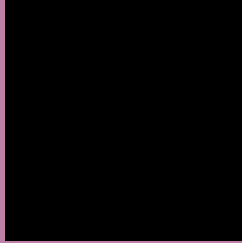
Any Text WCAG AA ✓ Pass

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 BD80A6 Background



This preview shows how black text looks on a background with the Hex color BD80A6.

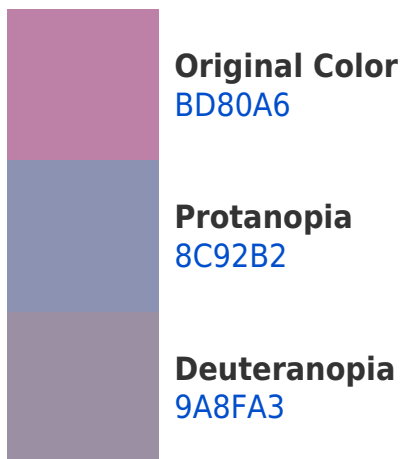



This preview shows how white text looks on a background with the Hex color BD80A6.

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
BA848E

Trichromacy



Original Color
BD80A6

Protanomaly
9E8BAE

Deuteranomaly
A78AA4

Tritanomaly
BB8397

Monochromacy



Original Color
BD80A6

Achromatopsia
979797

Achromatomaly
A58F9C

CSS Examples

Text

The CSS property to change the color of the text to Hex BD80A6 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 #BD80A6 looks like.

```
.text, #text, p{  
    color:#BD80A6  
}
```

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 #BD80A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD80A6
}
```

Border

The CSS property to change the border of an element to Hex BD80A6 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
#BD80A6 }
```

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

```
.border{ border-color:#BD80A6 }
```

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

Here you see how a box with a 4 pixel #BD80A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD80A6; -webkit-box-shadow:4px 4px  
4px 4px #BD80A6; box-shadow:4px 4px 4px  
4px #BD80A6 }
```

Background

The CSS property to change the background color of an element to Hex BD80A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD80A6 }
```

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

```
.background{ background-color:#BD80A6 }
```

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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