

Converting Colors

Hex(BD83C6)

Have a look what the booklet for
Hex(BD83C6) contains.

Hex(BD83C6)	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(BD83C6)

Conversions

Conversions Part 1

Format	Color
Hex	BD83C6
RGB	189, 131, 198
RGB Percent	74%, 51%, 78%
CMY	0.2588, 0.4863, 0.2235
CMYK	0.05, 0.34, 0.00, 0.22
HSL	292°, 37%, 65%
HSV	292°, 34%, 78%
XYZ	39.2956, 31.1286, 57.3634
YIQ	155.9800, 13.0610, 33.1330

Conversions

Conversions Part 2

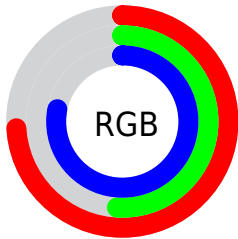
Format	Color
RYB	189, 131, 198
Decimal	12420038
CIELab	62.62, 33.62, -25.99
CIELCh	63, 42.492, 322.298
Yxy	31.1286, 0.3075, 0.2436
Android (android.graphics.Color)	4290610118 (0xFFBD83C6)
YUV	155.9800, 20.7159, 28.9585
Hunter-Lab	55.7930, 28.0816, -21.9037

Details

The Hex color **BD83C6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8CC683**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F6B9FF**, and **875090** is the 20% darker color. If you saturate the color by 10%, you get **BA6FC6**, and if you desaturate by 10%, it is **C097C6**.

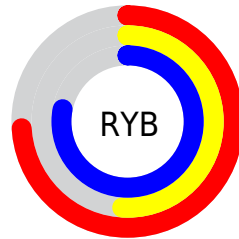
Distribution



Red (74%)

Green (51%)

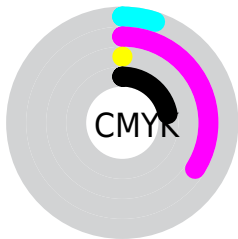
Blue (78%)



Red (74%)

Yellow (51%)

Blue (78%)

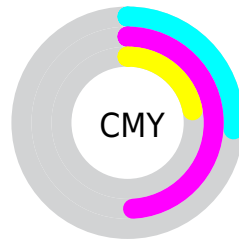


Cyan (5%)

Magenta (34%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD83C6 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 BD83C6 by changing the saturation by 10% instead.

 BD83C6

 BD83C6

FFFFFF

 A169AB

 F6B9FF

 875090

 FFD5FF

 6C3876

 FFF1FF

 53205D

 3B0745

 25002F

 000019

 000000

 BD83C6

 BD83C6

 BA6FC6

 C097C6

 B85BC6

 C2ABC6

 B548C6

 C5BEC6

 B234C6

 C8D2C6

 B020C6

 CAE6C6

 AD0CC6

 CDFAC6

 AB00C6

 D0FFC6

 D2FFC6

 D5FFC6

Harmonies

Analogous

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



8C91DD



BD83C6



D979A3

Triad

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



BD83C6



B7924B



00ABB3

Complementary

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



BD83C6



8CC683

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.



23AA8C



BD83C6



929E4F

Square

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



BD83C6



D2845D



66A668



00A7D2

Rectangle

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



BD83C6



DF7989



66A668



00ABA6

Sweetspot

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



BD83C6



FCE6FF



838DC6



7D7080



000000



808080

Same Dimension

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



BD83C6



F196FF



C683AF



625A63



8D00A3



1F0024

Inverse Universe

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



C6838C



FF96A4



83C69A



635A5B



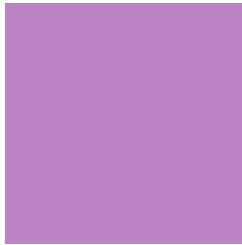
A30016



240005

Previews

White Background



This preview shows how the Hex color BD83C6 looks on a white background.

Color Contrast Check

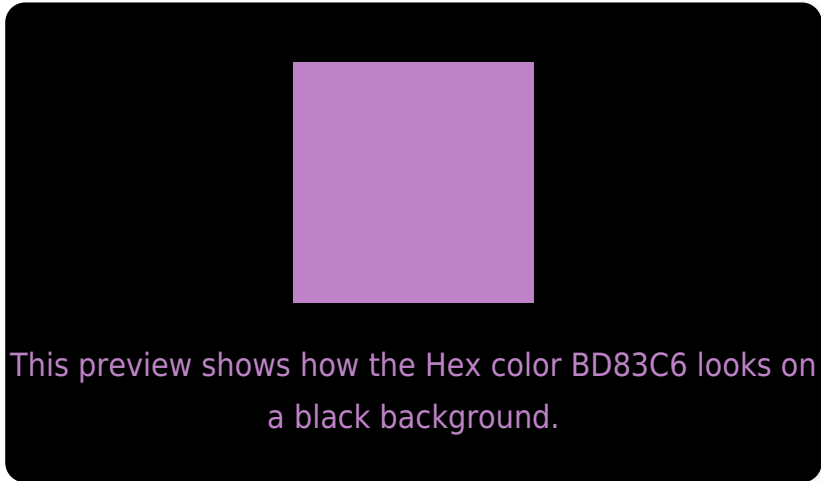
Large Text (above 18pt) WCAG AA × Fail

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

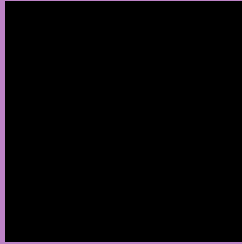
Any Text WCAG AA ✓ Pass

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 BD83C6 Background



This preview shows how black text looks on a background with the Hex color BD83C6.

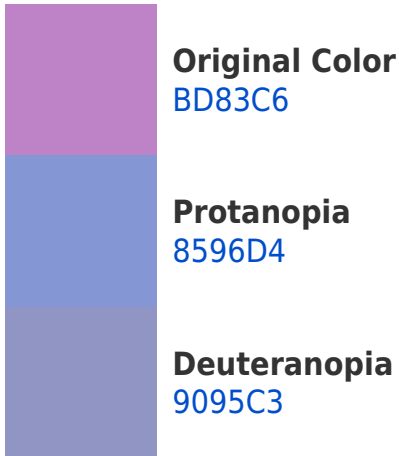


This preview shows how white text looks on a background with the Hex color BD83C6.

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
B68C97

Trichromacy



Original Color
BD83C6



Protanomaly
998FCF



Deuteranomaly
A08EC4



Tritanomaly
B989A8

Monochromacy



Original Color
BD83C6



Achromatopsia
9C9C9C



Achromatomaly
A893AB

CSS Examples

Text

The CSS property to change the color of the text to Hex BD83C6 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 #BD83C6 looks like.

```
.text, #text, p{  
    color:#BD83C6  
}
```

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 #BD83C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD83C6
}
```

Border

The CSS property to change the border of an element to Hex BD83C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

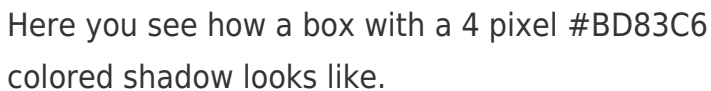
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD83C6 }
```

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

```
.border{ border-color:#BD83C6 }
```

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



Here you see how a box with a 4 pixel `#BD83C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD83C6; -webkit-box-shadow:4px 4px  
4px 4px #BD83C6; box-shadow:4px 4px 4px  
4px #BD83C6 }
```

Background

The CSS property to change the background color of an element to Hex BD83C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD83C6 }
```

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

```
.background{ background-color:#BD83C6 }
```

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