

Converting Colors

Hex(BD85C5)

Have a look what the booklet for
Hex(BD85C5) contains.

Hex(BD85C5)	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(BD85C5)

Conversions

Conversions Part 1

Format	Color
Hex	BD85C5
RGB	189, 133, 197
RGB Percent	74%, 52%, 77%
CMY	0.2588, 0.4784, 0.2275
CMYK	0.04, 0.32, 0.00, 0.23
HSL	292°, 36%, 65%
HSV	292°, 32%, 77%
XYZ	39.4518, 31.6251, 56.8482
YIQ	157.0400, 12.8320, 31.7760

Conversions

Conversions Part 2

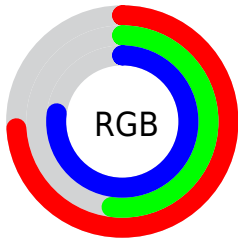
Format	Color
RYB	189, 133, 197
Decimal	12420549
CIELab	63.03, 32.32, -24.78
CIELCh	63, 40.729, 322.518
Yxy	31.6251, 0.3084, 0.2472
Android (android.graphics.Color)	4290610629 (0xFFBD85C5)
YUV	157.0400, 19.7003, 28.0289
Hunter-Lab	56.2362, 26.8112, -20.5699

Details

The Hex color **BD85C5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8DC585**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **F6BBFE**, and **87528F** is the 20% darker color. If you saturate the color by 10%, you get **BB71C5**, and if you desaturate by 10%, it is **BF99C5**.

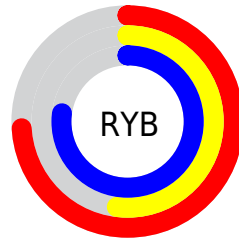
Distribution



Red (74%)

Green (52%)

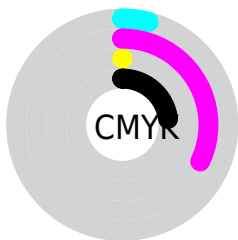
Blue (77%)



Red (74%)

Yellow (52%)

Blue (77%)

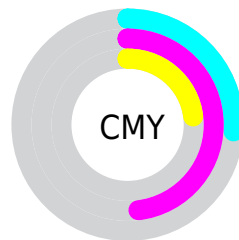


Cyan (4%)

Magenta (32%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (48%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD85C5 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 BD85C5 by changing the saturation by 10% instead.

 BD85C5

 BD85C5

FFFFFF

 A16BAA

 F6BBFE

 87528F

 FFD7FF

 6D3A75

 FFF3FF

 53235C

 3B0A45

 25002E

 000019

 000000

 BD85C5

 BD85C5

 BB71C5

 BF99C5

 B85EC5

 C2ACC5

 B64AC5

 C4C0C5

 B336C5

 C7D4C5

 B123C5

 C9E8C5

 AE0FC5

 CCFBC5

 AC00C5

 CEFFC5

 D1FFC5

 D3FFC5

Harmonies

Analogous

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



8E93DB



BD85C5



D87CA3

Triad

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



BD85C5



B79350



00ABB3

Complementary

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



BD85C5



8DC585

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.



2FAB8E



BD85C5



949F54

Square

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



BD85C5



D18660



69A76B



00A7D1

Rectangle

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



BD85C5



DE7B8B



69A76B



00ABA7

Sweetspot

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



BD85C5



FCE6FF



858EC5



7E7080



000000



808080

Same Dimension

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



BD85C5



F39CFF



C585AE



625A63



8F00A3



1F0024

Inverse Universe

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



C5858D



FF9CA8



85C59C



635A5B



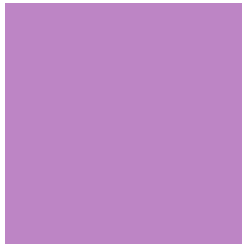
A30014



240004

Previews

White Background



This preview shows how the Hex color BD85C5 looks on a white background.

Color Contrast Check

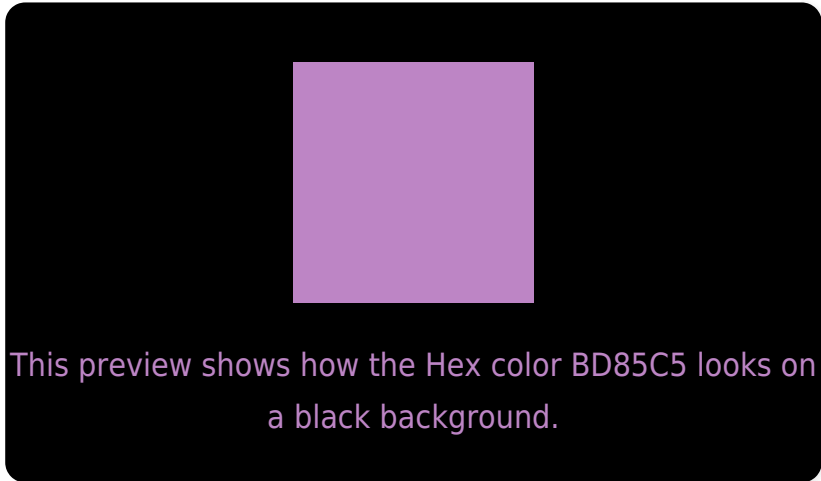
Large Text (above 18pt) WCAG AA × Fail

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

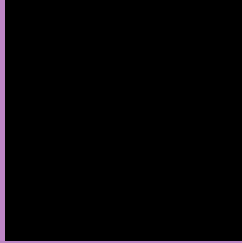
Any Text WCAG AA ✓ Pass

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 BD85C5 Background



This preview shows how black text looks on a background with the Hex color BD85C5.

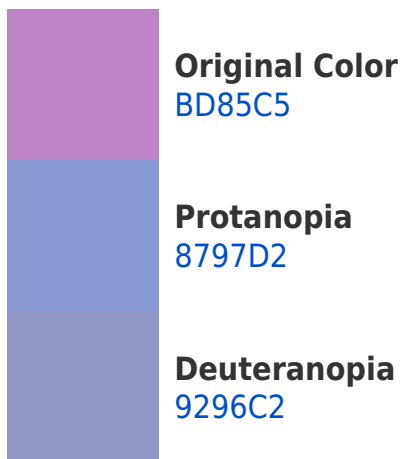


This preview shows how white text looks on a background with the Hex color BD85C5.

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
B78E99

Trichromacy



Original Color
BD85C5



Protanomaly
9B90CD



Deuteranomaly
A290C3



Tritanomaly
B98BA9

Monochromacy



Original Color
BD85C5



Achromatopsia
9D9D9D



Achromatomaly
A994AC

CSS Examples

Text

The CSS property to change the color of the text to Hex BD85C5 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 #BD85C5 looks like.

```
.text, #text, p{  
    color:#BD85C5  
}
```

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 #BD85C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD85C5
}
```

Border

The CSS property to change the border of an element to Hex BD85C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

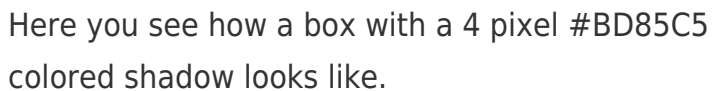
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD85C5 }
```

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

```
.border{ border-color:#BD85C5 }
```

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



Here you see how a box with a 4 pixel `#BD85C5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD85C5; -webkit-box-shadow:4px 4px  
4px 4px #BD85C5; box-shadow:4px 4px 4px  
4px #BD85C5 }
```

Background

The CSS property to change the background color of an element to Hex BD85C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD85C5 }
```

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

```
.background{ background-color:#BD85C5 }
```

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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