

Converting Colors

Hex(B1BC85)

Have a look what the booklet for
Hex(B1BC85) contains.

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Color

Hex(B1BC85)

Conversions

Conversions Part 1

Format	Color
Hex	B1BC85
RGB	177, 188, 133
RGB Percent	69%, 74%, 52%
CMY	0.3059, 0.2627, 0.4784
CMYK	0.06, 0.00, 0.29, 0.26
HSL	72°, 29%, 63%
HSV	72°, 29%, 74%
XYZ	40.3483, 47.0070, 29.1370
YIQ	178.4410, 11.0990, -19.4370

Conversions

Conversions Part 2

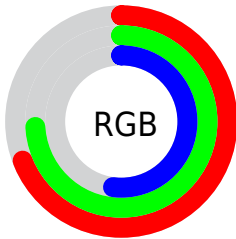
Format	Color
RYB	133, 188, 144
Decimal	11648133
CIELab	74.19, -12.99, 26.63
CIELCh	74, 29.625, 116.006
Yxy	47.0070, 0.3464, 0.4035
Android (android.graphics.Color)	4289838213 (0xFFB1BC85)
YUV	178.4410, -22.4024, -1.2638
Hunter-Lab	68.5617, -14.9362, 22.7964

Details

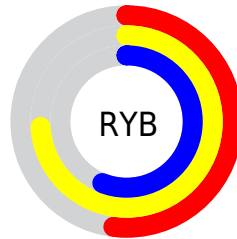
The Hex color **B1BC85** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9085BC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E9F4BB**, and **7C8753** is the 20% darker color. If you saturate the color by 10%, you get **ADBC72**, and if you desaturate by 10%, it is **B5BC98**.

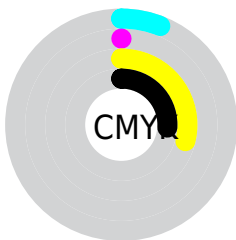
Distribution



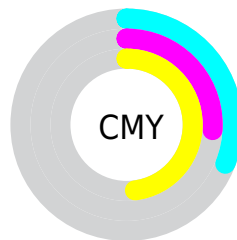
- Red (69%)
- Green (74%)
- Blue (52%)



- Red (52%)
- Yellow (74%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BC85 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 B1BC85 by changing the saturation by 10% instead.



B1BC85



B1BC85

FFFFFF



96A16B



E9F4BB



7C8753



FFFFD6



626D3B



FFFFF3



4A5524



323E0E



1D2800



001500



000000



B1BC85



B1BC85

 ADBC72

 B5BC98

 A9BC5F

 B9BCAB

 A6BC4D

 BCBCBD

 A2BC3A

 C0BCD0

 9EBC27

 C4BCE3

 9ABC14

 C8BCF6

 97BC01

 CBBCFF

 96BC00

 CFBCFF

 D3BCFF

Harmonies

Analogous

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



CDB380



B1BC85



92C297

Triad

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



B1BC85



6DC1E3



E9A3BB

Complementary

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



B1BC85



9085BC

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.



D6A8D5



B1BC85



8EBAEC

Square

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



B1BC85



62C5CD



B6B1E7



EDA4A0

Rectangle

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



B1BC85



7DC5A8



B6B1E7



E4A4C4

Sweetspot

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



B1BC85



F0F5DF



BC9085



787A6D



FAFAFA



7A7A7A

Same Dimension

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



B1BC85



E4F59F



96BC85



5C5E55



7E9E00



181F00

Inverse Universe

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



9085BC



B09FF5



AC85BC



57555E



20009E



06001F

Previews

White Background



This preview shows how the Hex color B1BC85 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 B1BC85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

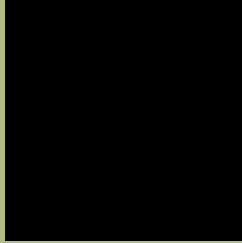
Any Text WCAG AA ✓ Pass

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 B1BC85 Background



This preview shows how black text looks on a background with the Hex color B1BC85.

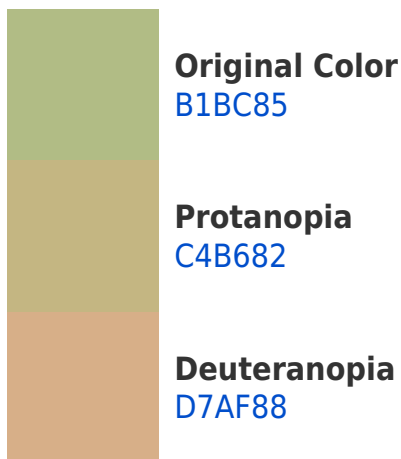


This preview shows how white text looks on a background with the Hex color B1BC85.

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



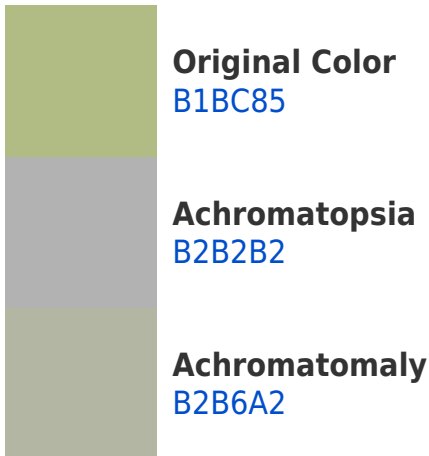


Tritanopia
B9B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1BC85 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 #B1BC85 looks like.

```
.text, #text, p{  
    color:#B1BC85  
}
```

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 #B1BC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BC85
}
```

Border

The CSS property to change the border of an element to Hex B1BC85 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
#B1BC85 }
```

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

```
.border{ border-color:#B1BC85 }
```

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

Here you see how a box with a 4 pixel #B1BC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BC85; -webkit-box-shadow:4px 4px  
4px 4px #B1BC85; box-shadow:4px 4px 4px  
4px #B1BC85 }
```

Background

The CSS property to change the background color of an element to Hex B1BC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BC85 }
```

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

```
.background{ background-color:#B1BC85 }
```

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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