

Converting Colors

Hex(B0BC89)

Have a look what the booklet for
Hex(B0BC89) contains.

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Color

Hex(B0BC89)

Conversions

Conversions Part 1

Format	Color
Hex	B0BC89
RGB	176, 188, 137
RGB Percent	69%, 74%, 54%
CMY	0.3098, 0.2627, 0.4627
CMYK	0.06, 0.00, 0.27, 0.26
HSL	74°, 28%, 64%
HSV	74°, 27%, 74%
XYZ	40.4031, 47.0027, 30.6099
YIQ	178.5980, 9.2190, -18.4050

Conversions

Conversions Part 2

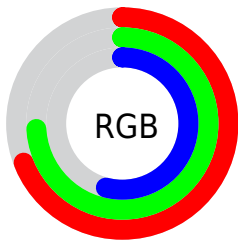
Format	Color
RYB	137, 188, 149
Decimal	11582601
CIELab	74.19, -12.81, 24.48
CIELCh	74, 27.632, 117.614
Yxy	47.0027, 0.3424, 0.3983
Android (android.graphics.Color)	4289772681 (0xFFB0BC89)
YUV	178.5980, -20.5078, -2.2784
Hunter-Lab	68.5585, -14.7833, 21.5193

Details

The Hex color **B0BC89** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9589BC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E8F4BF**, and **7B8757** is the 20% darker color. If you saturate the color by 10%, you get **ACBC76**, and if you desaturate by 10%, it is **B4BC9C**.

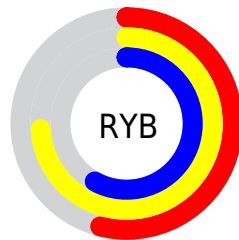
Distribution



Red (69%)

Green (74%)

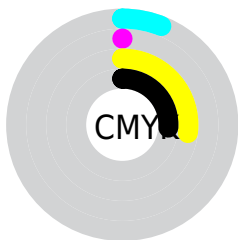
Blue (54%)



Red (54%)

Yellow (74%)

Blue (58%)

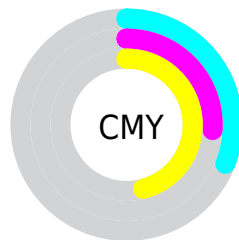


Cyan (6%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (31%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0BC89 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 B0BC89 by changing the saturation by 10% instead.



B0BC89



B0BC89

FFFFFF



95A16F



E8F4BF



7B8757



FFFFDB



626D3F



FFFFF7



495528



323E12



1E2800



001500



000000



B0BC89



B0BC89

 ACBC76

 B4BC9C

 A7BC63

 B9BCAF

 A3BC51

 BDBCC1

 9EBC3E

 C2BCD4

 9ABC2B

 C6BCE7

 95BC18

 CBBCFA

 91BC05

 CFBCFF

 90BC00

 D3BCFF

 D8BCFF

Harmonies

Analogous

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



CBB484



B0BC89



93C29B

Triad

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



B0BC89



75C0E0



E6A4B9

Complementary

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



B0BC89



9589BC

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.



D5A8D2



B0BC89



94B9E9

Square

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



B0BC89



6AC4CD



B8B1E3



EAA5A0

Rectangle

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



B0BC89



80C4AB



B8B1E3



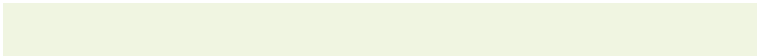
E2A5C2

Sweetspot

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



B0BC89



F0F5E1



BC9589



787A6E



FAFAFA



7A7A7A

Same Dimension

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



B0BC89



E2F5A4



97BC89



5C5E55



799E00



171F00

Inverse Universe

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



9589BC



B7A4F5



AE89BC



57555E



25009E



07001F

Previews

White Background



This preview shows how the Hex color B0BC89 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 B0BC89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

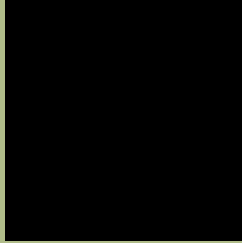
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

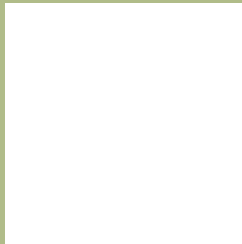
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B0BC89 Background



This preview shows how black text looks on a background with the Hex color B0BC89.

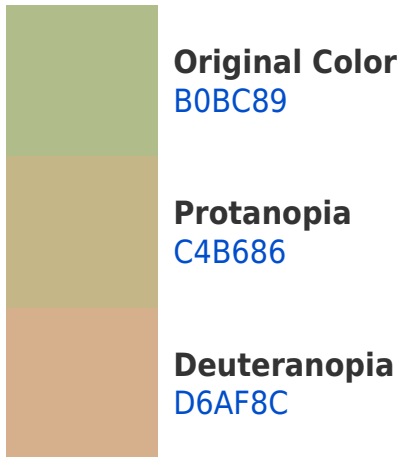


This preview shows how white text looks on a background with the Hex color B0BC89.

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



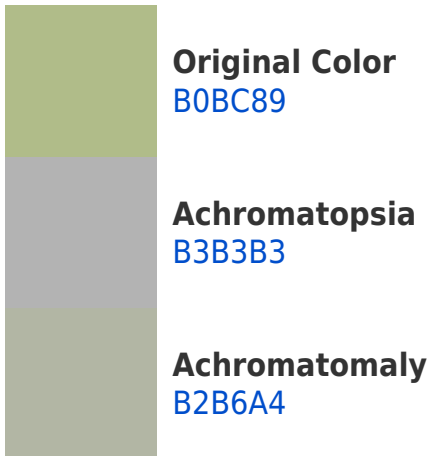


Tritanopia
B8B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0BC89 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 #B0BC89 looks like.

```
.text, #text, p{  
    color:#B0BC89  
}
```

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 #B0BC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BC89
}
```

Border

The CSS property to change the border of an element to Hex B0BC89 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
#B0BC89 }
```

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

```
.border{ border-color:#B0BC89 }
```

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

Here you see how a box with a 4 pixel #B0BC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BC89; -webkit-box-shadow:4px 4px  
4px 4px #B0BC89; box-shadow:4px 4px 4px  
4px #B0BC89 }
```

Background

The CSS property to change the background color of an element to Hex B0BC89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BC89 }
```

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

```
.background{ background-color:#B0BC89 }
```

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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