

Converting Colors

Hex(B7CB87)

Have a look what the booklet for
Hex(B7CB87) contains.

Hex(B7CB87)	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(B7CB87)

Conversions

Conversions Part 1

Format	Color
Hex	B7CB87
RGB	183, 203, 135
RGB Percent	72%, 80%, 53%
CMY	0.2824, 0.2039, 0.4706
CMYK	0.10, 0.00, 0.33, 0.20
HSL	78°, 40%, 66%
HSV	78°, 33%, 80%
XYZ	45.2575, 54.5284, 31.0614
YIQ	189.2680, 9.9080, -25.3880

Conversions

Conversions Part 2

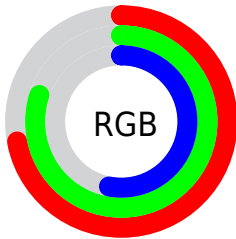
Format	Color
RYB	135, 203, 155
Decimal	12045191
CIELab	78.77, -18.05, 31.74
CIELCh	79, 36.508, 119.625
Yxy	54.5284, 0.3459, 0.4167
Android (android.graphics.Color)	4290235271 (0xFFB7CB87)
YUV	189.2680, -26.7541, -5.4970
Hunter-Lab	73.8434, -19.8258, 26.7507

Details

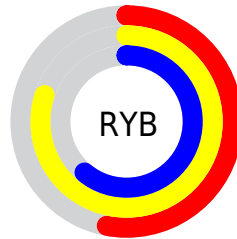
The Hex color **B7CB87** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9B87CB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F0FFBD**, and **819554** is the 20% darker color. If you saturate the color by 10%, you get **B1CB73**, and if you desaturate by 10%, it is **BDCB9B**.

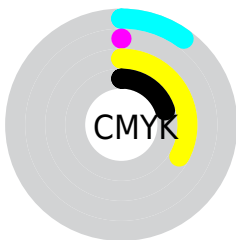
Distribution



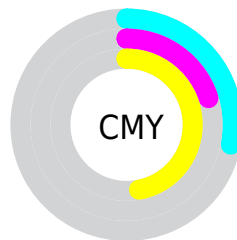
- Red (72%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7CB87 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 B7CB87 by changing the saturation by 10% instead.



B7CB87



B7CB87

FFFFFF



9CB06D



F0FFBD



819554



FFFFD9



677B3C



FFFFF5



4E6225



364A0D



213300



021F00



000000



B7CB87



B7CB87

 B1CB73

 BDCB9B

 ABCB5E

 C3CBB0

 A5CB4A

 C9CBC4

 9FCB36

 CFCBD8

 99CB22

 D5CBED

 93CB0D

 DBCBFF

 8FCB00

 E1CBFF

 E7CBFF

 EDCBFF

Harmonies

Analogous

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



DBC17F



B7CB87



8FD2A0

Triad

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



B7CB87



62D0FD



FFA9C5

Complementary

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



B7CB87



9B87CB

Split Complementary

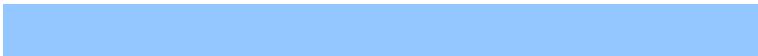
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EEAFE6



B7CB87



94C6FF

Square

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



B7CB87



4DD5E3



C7BAFE



FFACA3

Rectangle

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



B7CB87



74D5B6



C7BAFE



FEAAD0

Sweetspot

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



B7CB87



F8FFE6



CB9A87



7B8070



000000



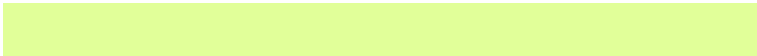
808080

Same Dimension

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



B7CB87



E1FF99



96CB87



63665C



75A600



1B2600

Inverse Universe

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



9B87CB



B799FF



BC87CB



5F5C66



3100A6



0B0026

Previews

White Background



This preview shows how the Hex color B7CB87 looks on a white background.

Color Contrast Check

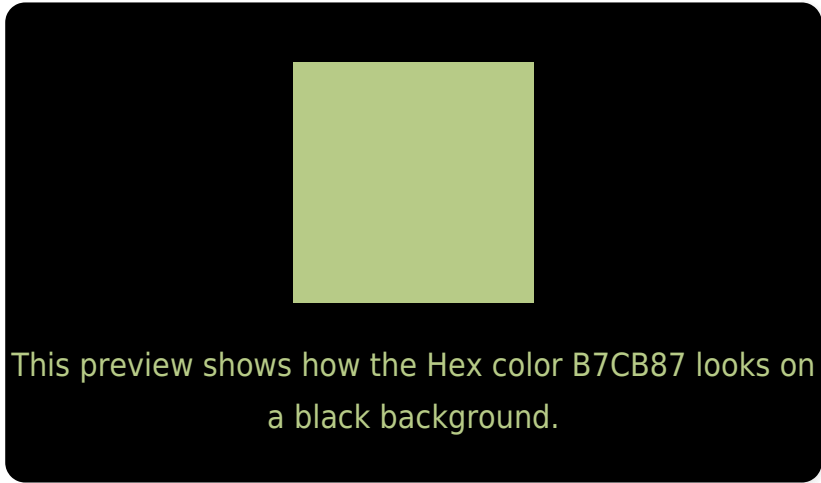
Large Text (above 18pt) WCAG AA × Fail

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

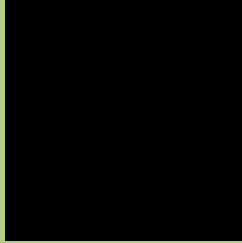
Any Text WCAG AA ✓ Pass

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 B7CB87 Background



This preview shows how black text looks on a background with the Hex color B7CB87.

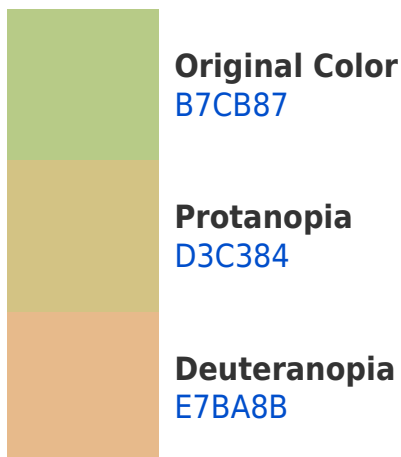


This preview shows how white text looks on a background with the Hex color B7CB87.

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



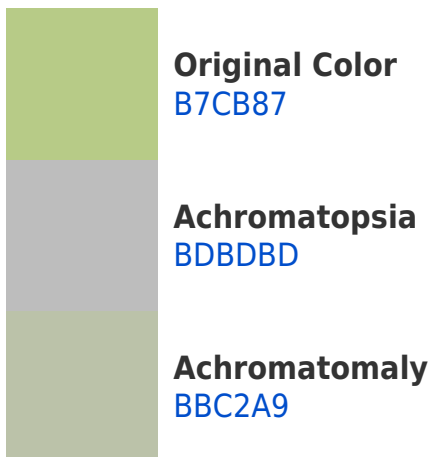


Tritanopia
C1C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7CB87 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 #B7CB87 looks like.

```
.text, #text, p{  
    color:#B7CB87  
}
```

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 #B7CB87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CB87
}
```

Border

The CSS property to change the border of an element to Hex B7CB87 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
#B7CB87 }
```

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

```
.border{ border-color:#B7CB87 }
```

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

Here you see how a box with a 4 pixel #B7CB87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CB87; -webkit-box-shadow:4px 4px  
4px 4px #B7CB87; box-shadow:4px 4px 4px  
4px #B7CB87 }
```

Background

The CSS property to change the background color of an element to Hex B7CB87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CB87 }
```

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

```
.background{ background-color:#B7CB87 }
```

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