

Converting Colors

Hex(B7B869)

Have a look what the booklet for
Hex(B7B869) contains.

| | |
|--|----|
| Hex(B7B869) | 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(B7B869)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B7B869 |
| RGB | 183, 184, 105 |
| RGB Percent | 72%, 72%, 41% |
| CMY | 0.2824, 0.2784, 0.5882 |
| CMYK | 0.01, 0.00, 0.43, 0.28 |
| HSL | 61°, 36%, 57% |
| HSV | 61°, 43%, 72% |
| XYZ | 39.2187, 45.3682, 20.0545 |
| YIQ | 174.6950, 24.7630, -24.7810 |

Conversions

Conversions Part 2

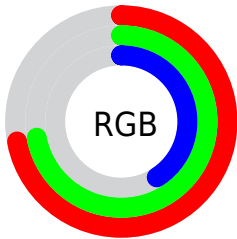
| Format | Color |
|-------------------------------------|--|
| RYB | 105, 184, 106 |
| Decimal | 12040297 |
| CIELab | 73.13, -11.96, 39.89 |
| CIELCh | 73, 41.640, 106.689 |
| Yxy | 45.3682, 0.3748, 0.4336 |
| Android (android.graphics.Color) | 4290230377 (0xFFB7B869) |
| YUV | 174.6950, -34.3596, 7.2835 |
| Hunter-Lab | 67.3559, -13.9392, 29.4962 |

Details

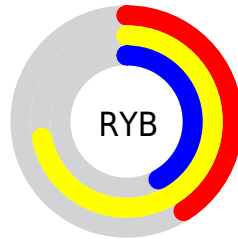
The Hex color **B7B869** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6A69B8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F0F09E**, and **808337** is the 20% darker color. If you saturate the color by 10%, you get **B7B857**, and if you desaturate by 10%, it is **B7B87B**.

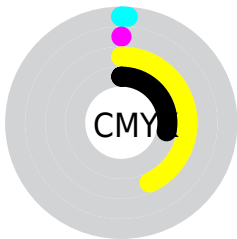
Distribution



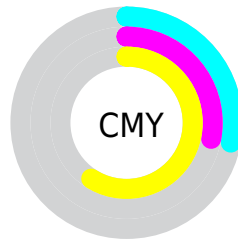
- Red (72%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7B869 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 B7B869 by changing the saturation by 10% instead.

 B7B869

 B7B869

FFFFFF

 9B9D50

 F0F09E

 808337

 FFFFB9

 666A1F

 FFFFDD

 4D5203

 FFFFF2

 353B00

 1C2500

 001200

 000000

 B7B869

 B7B869

 B7B857

 B7B87B

 B7B844

 B7B88E

 B6B832

 B8B8A0

 B6B81F

 B8B8B3

 B6B80D

 B8B8C5

 B6B800

 B8B8D7

 B9B8EA

 B9B8FC

 B9B8FF

Harmonies

Analogous

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



DBAB69



B7B869



8CC17E

Triad

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



B7B869



00C4EA



F397C6

Complementary

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



B7B869



6A69B8

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.



D2A2E8



B7B869



59BCFD

Square

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



B7B869



00C8C8



9EB0FC



FE96A0

Rectangle

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



B7B869



6BC594



9EB0FC



EA9AD3

Sweetspot

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



B7B869



EFF0D1



B86969



787865



F7F7F7



787878

Same Dimension

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



B7B869



EEF073



91B869



5C5C53



9A9C00



1C1C00

Inverse Universe

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



6A69B8



7573F0



9169B8



53535C



02009C



00001C

Previews

White Background



This preview shows how the Hex color B7B869 looks on a white background.

Color Contrast Check

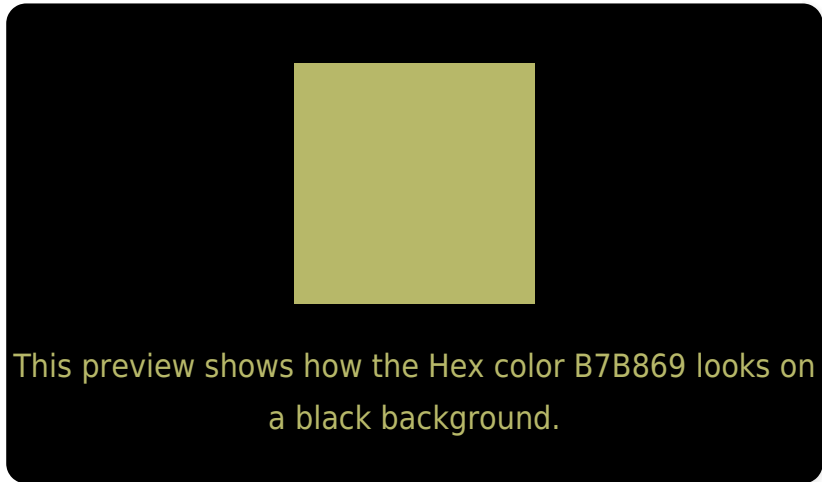
Large Text (above 18pt) WCAG AA × Fail

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

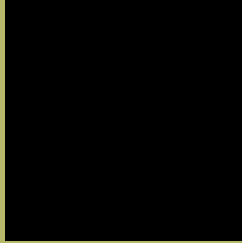
Any Text WCAG AA ✓ Pass

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 B7B869 Background



This preview shows how black text looks on a background with the Hex color B7B869.



This preview shows how white text looks on a background with the Hex color B7B869.

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](#).

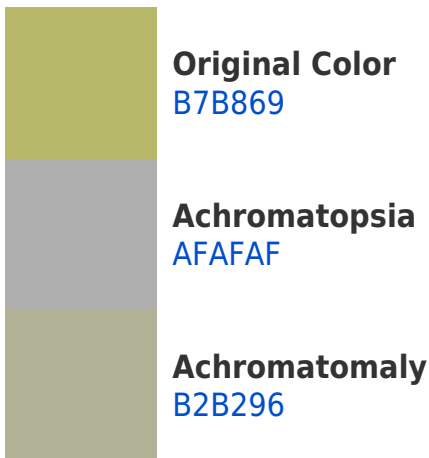
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7B869 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 #B7B869 looks like.

```
.text, #text, p{  
    color:#B7B869  
}
```

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 #B7B869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7B869
}
```

Border

The CSS property to change the border of an element to Hex B7B869 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
#B7B869 }
```

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

```
.border{ border-color:#B7B869 }
```

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

Here you see how a box with a 4 pixel #B7B869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7B869; -webkit-box-shadow:4px 4px  
4px 4px #B7B869; box-shadow:4px 4px 4px  
4px #B7B869 }
```

Background

The CSS property to change the background color of an element to Hex B7B869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7B869 }
```

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

```
.background{ background-color:#B7B869 }
```

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