

Converting Colors

Hex(B7BC66)

Have a look what the booklet for
Hex(B7BC66) contains.

Hex(B7BC66)	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(B7BC66)

Conversions

Conversions Part 1

Format	Color
Hex	B7BC66
RGB	183, 188, 102
RGB Percent	72%, 74%, 40%
CMY	0.2824, 0.2627, 0.6000
CMYK	0.03, 0.00, 0.46, 0.26
HSL	63°, 39%, 57%
HSV	63°, 46%, 74%
XYZ	39.9099, 46.9930, 19.5375
YIQ	176.7010, 24.6260, -27.8060

Conversions

Conversions Part 2

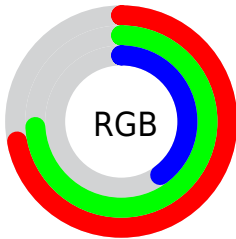
Format	Color
RYB	102, 188, 107
Decimal	12041318
CIELab	74.19, -14.32, 42.69
CIELCh	74, 45.023, 108.541
Yxy	46.9930, 0.3750, 0.4415
Android (android.graphics.Color)	4290231398 (0xFFB7BC66)
YUV	176.7010, -36.8276, 5.5242
Hunter-Lab	68.5515, -16.0443, 31.0881

Details

The Hex color **B7BC66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6B66BC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **F0F49B**, and **808734** is the 20% darker color. If you saturate the color by 10%, you get **B6BC53**, and if you desaturate by 10%, it is **B8BC79**.

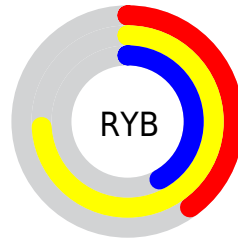
Distribution



Red (72%)

Green (74%)

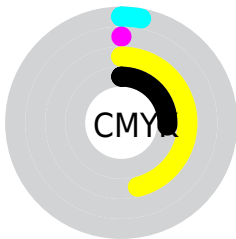
Blue (40%)



Red (40%)

Yellow (74%)

Blue (42%)

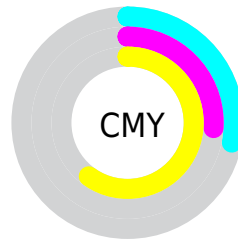


Cyan (3%)

Magenta (0%)

Yellow (46%)

Black (26%)



Cyan (28%)

Magenta (26%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7BC66 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 B7BC66 by changing the saturation by 10% instead.

 B7BC66

 B7BC66

FFFFFF

 9BA14D

 F0F49B

 808734

 FFFFB6

 666E1A

 FFFFDD

 4C5500

 FFFFEE

 343E00

 1B2800

 001600

 000000

 B7BC66

 B7BC66

 B6BC53

 B8BC79

 B5BC40

 B9BC8C

 B4BC2E

 BABC9E

 B3BC1B

 BBBCB1

 B2BC08

 BCBCC4

 B1BC00

 BEBCD7

 BFBCEA

 C0BCFC

 C1BCFF

Harmonies

Analogous

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



DEAE65



B7BC66



88C67E

Triad

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



B7BC66



00C8F3



FC97C8

Complementary

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



B7BC66



6B66BC

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.



DAA2EE



B7BC66



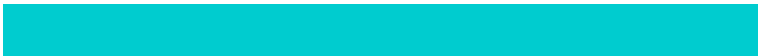
54BFFF

Square

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



B7BC66



00CCCF



A2B2FF



FF969E

Rectangle

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



B7BC66



62CA97



A2B2FF



F39AD6

Sweetspot

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



B7BC66



F3F5D3



BC6A66



797A66



FAFAFA



7A7A7A

Same Dimension

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



B7BC66



EDF56E



8DBC66



5E5E55



959E00



1D1F00

Inverse Universe

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



6B66BC



766EF5



9566BC



5555E



09009E



02001F

Previews

White Background



This preview shows how the Hex color B7BC66 looks on a white background.

Color Contrast Check

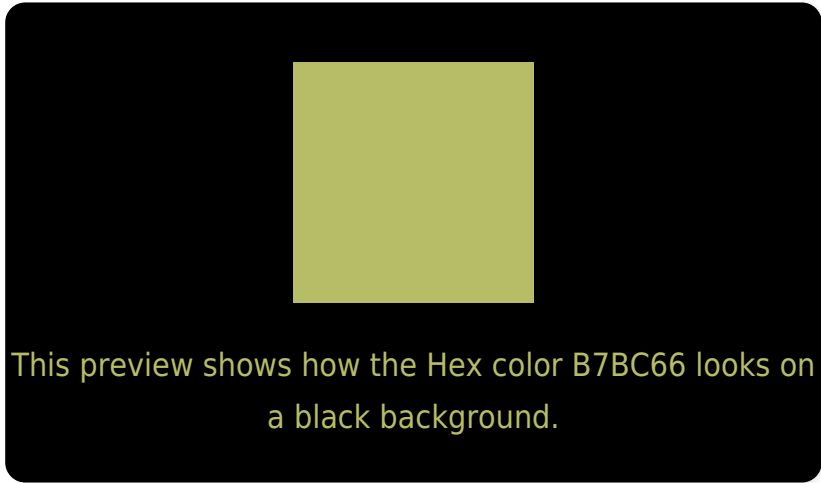
Large Text (above 18pt) WCAG AA × Fail

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

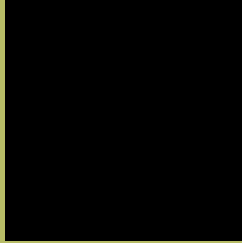
Any Text WCAG AA ✓ Pass

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 B7BC66 Background



This preview shows how black text looks on a background with the Hex color B7BC66.



This preview shows how white text looks on a background with the Hex color B7BC66.

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
C1B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7BC66 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 #B7BC66 looks like.

```
.text, #text, p{  
    color:#B7BC66  
}
```

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 #B7BC66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BC66
}
```

Border

The CSS property to change the border of an element to Hex B7BC66 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
#B7BC66 }
```

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

```
.border{ border-color:#B7BC66 }
```

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

Here you see how a box with a 4 pixel #B7BC66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BC66; -webkit-box-shadow:4px 4px  
4px 4px #B7BC66; box-shadow:4px 4px 4px  
4px #B7BC66 }
```

Background

The CSS property to change the background color of an element to Hex B7BC66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BC66 }
```

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

```
.background{ background-color:#B7BC66 }
```

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