

Converting Colors

Hex(B7BB57)

Have a look what the booklet for
Hex(B7BB57) contains.

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Color

Hex(B7BB57)

Conversions

Conversions Part 1

Format	Color
Hex	B7BB57
RGB	183, 187, 87
RGB Percent	72%, 73%, 34%
CMY	0.2824, 0.2667, 0.6588
CMYK	0.02, 0.00, 0.53, 0.27
HSL	62°, 42%, 54%
HSV	62°, 53%, 73%
XYZ	39.0191, 46.2960, 15.8963
YIQ	174.4040, 29.7160, -31.9480

Conversions

Conversions Part 2

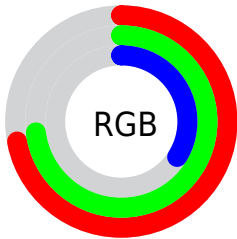
Format	Color
RYB	87, 187, 91
Decimal	12041047
CIELab	73.74, -15.19, 49.41
CIELCh	74, 51.691, 107.092
Yxy	46.2960, 0.3855, 0.4574
Android (android.graphics.Color)	4290231127 (0xFFB7BB57)
YUV	174.4040, -43.0902, 7.5387
Hunter-Lab	68.0412, -16.7091, 33.7770

Details

The Hex color **B7BB57** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5B57BB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F1F38C**, and **808623** is the 20% darker color. If you saturate the color by 10%, you get **B6BB44**, and if you desaturate by 10%, it is **B8BB6A**.

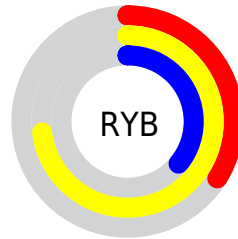
Distribution



Red (72%)

Green (73%)

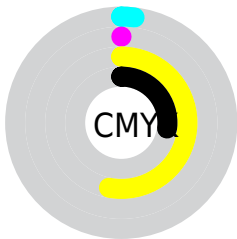
Blue (34%)



Red (34%)

Yellow (73%)

Blue (36%)

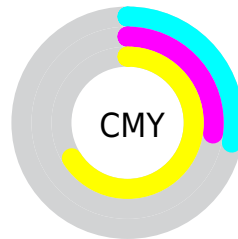


Cyan (2%)

Magenta (0%)

Yellow (53%)

Black (27%)



Cyan (28%)

Magenta (27%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7BB57 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 B7BB57 by changing the saturation by 10% instead.

 B7BB57

 B7BB57

FFFFFF

 9BA03D

 F1F38C

 808623

 FFFFA7

 656D01

 FFFFC3

 4B5500

 FFFFDF

 323D00

 FFFFFC

 192800

 001500

 000000

 B7BB57

 B7BB57

 B6BB44

 B8BB6A

 B6BB32

 B8BB7C

 B5BB1F

 B9BB8F

 B4BB0C

 BABBA2

 B4BB00

 BBBB5

 BBBBC7

 BCBBDA

 BDBBED

 BEBBFF

Harmonies

Analogous

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



E3AB57



B7BB57



81C672

Triad

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



B7BB57



00CAF9



FF90CC

Complementary

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



B7BB57



5B57BB

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.



DB9EF6



B7BB57



0FC0FF

Square

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



B7BB57



00CDD0



98B1FF



FF8E9C

Rectangle

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



B7BB57



52CB8F



98B1FF



F994DB

Sweetspot

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



B7BB57



F1F2CB



BB5A57



797A63



FAFAFA



7A7A7A

Same Dimension

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



B7BB57



ECF257



86BB57



5E5E55



989E00



1D1F00

Inverse Universe

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



5B57BB



5D57F2



8C57BB



55555E



06009E



01001F

Previews

White Background



This preview shows how the Hex color B7BB57 looks on a white background.

Color Contrast Check

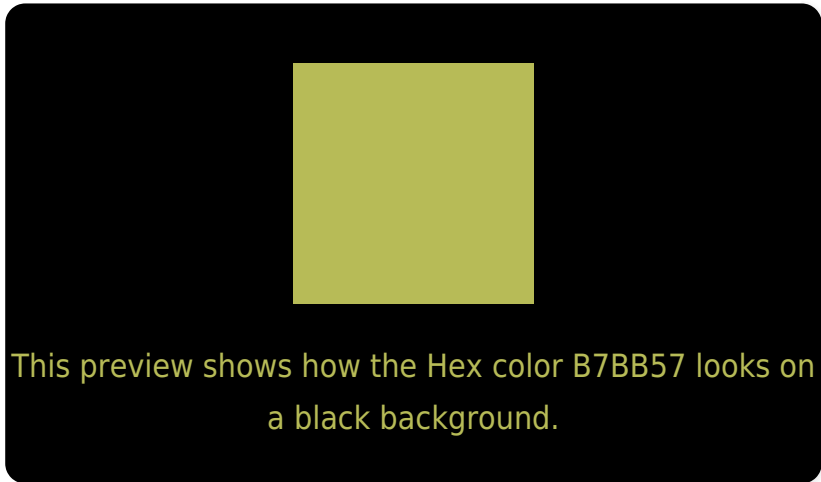
Large Text (above 18pt) WCAG AA × Fail

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 B7BB57 Background



This preview shows how black text looks on a background with the Hex color B7BB57.



This preview shows how white text looks on a background with the Hex color B7BB57.

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

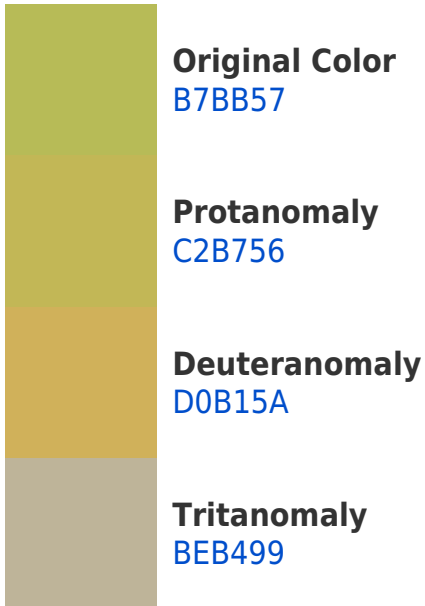


Original Color
B7BB57

Protanopia
C9B555

Deuteranopia
DFAC5B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7BB57 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 #B7BB57 looks like.

```
.text, #text, p{  
    color:#B7BB57  
}
```

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 #B7BB57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BB57
}
```

Border

The CSS property to change the border of an element to Hex B7BB57 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
#B7BB57 }
```

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

```
.border{ border-color:#B7BB57 }
```

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

Here you see how a box with a 4 pixel #B7BB57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BB57; -webkit-box-shadow:4px 4px  
4px 4px #B7BB57; box-shadow:4px 4px 4px  
4px #B7BB57 }
```

Background

The CSS property to change the background color of an element to Hex B7BB57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BB57 }
```

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

```
.background{ background-color:#B7BB57 }
```

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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