

Converting Colors

Hex(B7BB74)

Have a look what the booklet for
Hex(B7BB74) contains.

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Color

Hex(B7BB74)

Conversions

Conversions Part 1

Format	Color
Hex	B7BB74
RGB	183, 187, 116
RGB Percent	72%, 73%, 45%
CMY	0.2824, 0.2667, 0.5451
CMYK	0.02, 0.00, 0.38, 0.27
HSL	63°, 34%, 59%
HSV	63°, 38%, 73%
XYZ	40.4511, 46.8689, 23.4376
YIQ	177.7100, 20.4070, -22.9290

Conversions

Conversions Part 2

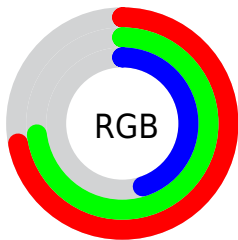
Format	Color
RYB	116, 187, 120
Decimal	12041076
CIELab	74.11, -12.29, 35.49
CIELCh	74, 37.560, 109.098
Yxy	46.8689, 0.3652, 0.4232
Android (android.graphics.Color)	4290231156 (0xFFB7BB74)
YUV	177.7100, -30.4230, 4.6393
Hunter-Lab	68.4609, -14.3370, 27.6246

Details

The Hex color **B7BB74** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7874BB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **F0F3A9**, and **818642** is the 20% darker color. If you saturate the color by 10%, you get **B6BB61**, and if you desaturate by 10%, it is **B8BB87**.

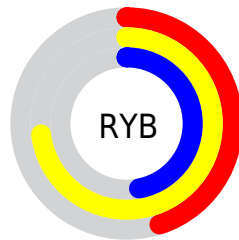
Distribution



Red (72%)

Green (73%)

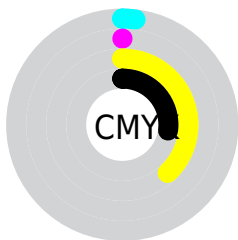
Blue (45%)



Red (45%)

Yellow (73%)

Blue (47%)

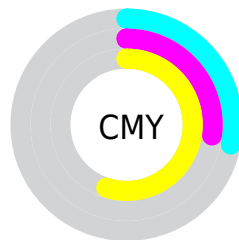


Cyan (2%)

Magenta (0%)

Yellow (38%)

Black (27%)



Cyan (28%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7BB74 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 B7BB74 by changing the saturation by 10% instead.



B7BB74



B7BB74

FFFFFF



9CA05B



F0F3A9



818642



FFFFC4



676D2A



FFFFE1



4E5412

FFFFFFE



363D00



1E2800



001500



000000



B7BB74



B7BB74

 B6BB61

 B8BB87

 B5BB4F

 B9BB99

 B4BB3C

 BABBAC

 B3BB29

 BBBBBF

 B2BB17

 BCBBD2

 B1BB04

 BDBBE4

 B0BB00

 BEBBF7

 BFBBFF

 C0BBFF

Harmonies

Analogous

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



D9B072



B7BB74



90C388

Triad

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



B7BB74



3CC5E9



F19DC4

Complementary

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



B7BB74



7874BB

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.



D5A5E4



B7BB74



70BDF9

Square

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



B7BB74



3AC9CC



A8B2F7



FA9CA1

Rectangle

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



B7BB74



73C79C



A8B2F7



EA9FD0

Sweetspot

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



B7BB74



F1F2D8



BB7874



7A7A6A



FAFAFA



7A7A7A

Same Dimension

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



B7BB74



ECF283



94BB74



5E5E55



959E00



1D1F00

Inverse Universe

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



7874BB



8983F2



9B74BB



55555E



09009E



02001F

Previews

White Background



This preview shows how the Hex color B7BB74 looks on a white background.

Color Contrast Check

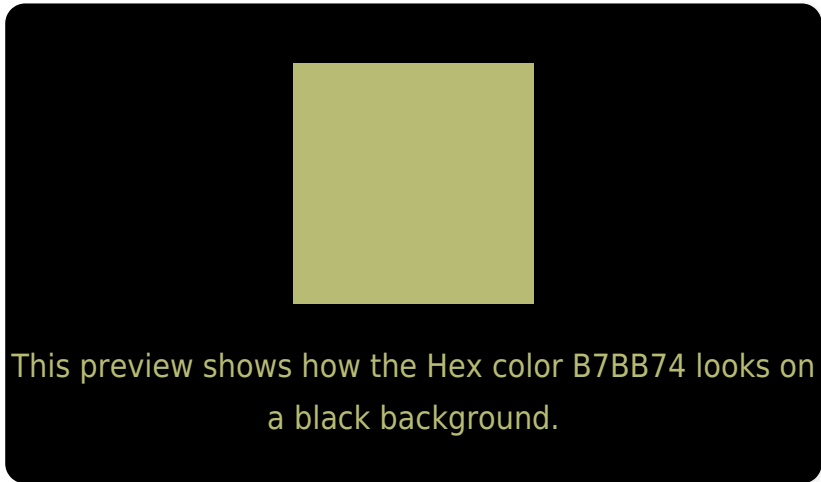
Large Text (above 18pt) WCAG AA × Fail

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

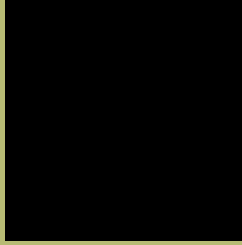
Any Text WCAG AA ✓ Pass

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 B7BB74 Background



This preview shows how black text looks on a background with the Hex color B7BB74.

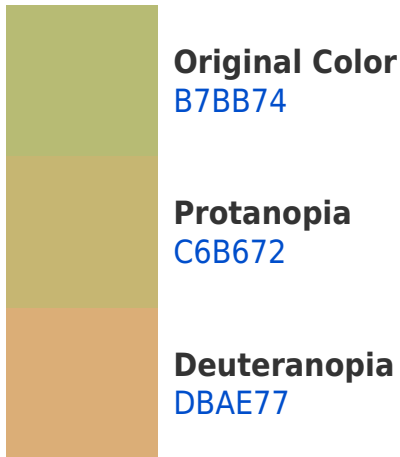


This preview shows how white text looks on a background with the Hex color B7BB74.

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](#).

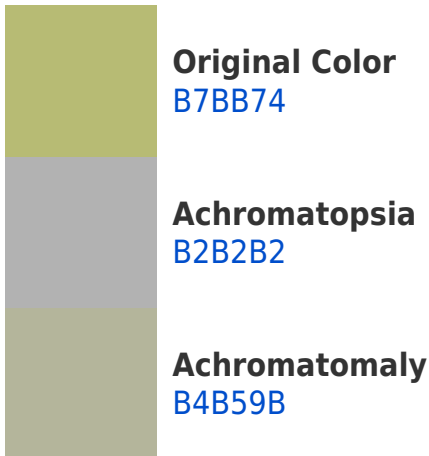
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7BB74 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 #B7BB74 looks like.

```
.text, #text, p{  
    color:#B7BB74  
}
```

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 #B7BB74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7BB74
}
```

Border

The CSS property to change the border of an element to Hex B7BB74 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
#B7BB74 }
```

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

```
.border{ border-color:#B7BB74 }
```

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

Here you see how a box with a 4 pixel #B7BB74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7BB74; -webkit-box-shadow:4px 4px  
4px 4px #B7BB74; box-shadow:4px 4px 4px  
4px #B7BB74 }
```

Background

The CSS property to change the background color of an element to Hex B7BB74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7BB74 }
```

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

```
.background{ background-color:#B7BB74 }
```

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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