

Converting Colors

Hex(B4BB70)

Have a look what the booklet for
Hex(B4BB70) contains.

Hex(B4BB70)	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(B4BB70)

Conversions

Conversions Part 1

Format	Color
Hex	B4BB70
RGB	180, 187, 112
RGB Percent	71%, 73%, 44%
CMY	0.2941, 0.2667, 0.5608
CMYK	0.04, 0.00, 0.40, 0.27
HSL	66°, 36%, 59%
HSV	66°, 40%, 73%
XYZ	39.5173, 46.4138, 22.2052
YIQ	176.3570, 19.9030, -24.8090

Conversions

Conversions Part 2

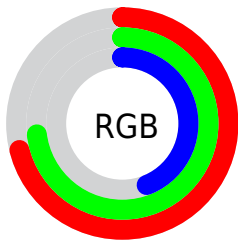
Format	Color
RYB	112, 187, 119
Decimal	11844464
CIELab	73.81, -13.94, 37.13
CIELCh	74, 39.660, 110.586
Yxy	46.4138, 0.3654, 0.4292
Android (android.graphics.Color)	4290034544 (0xFFB4BB70)
YUV	176.3570, -31.7280, 3.1949
Hunter-Lab	68.1277, -15.6848, 28.3647

Details

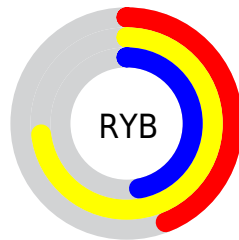
The Hex color **B4BB70** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7770BB**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **EDF3A5**, and **7E863E** is the 20% darker color. If you saturate the color by 10%, you get **B2BB5D**, and if you desaturate by 10%, it is **B6BB83**.

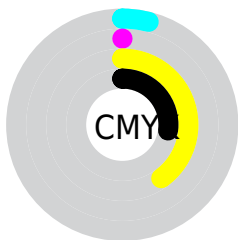
Distribution



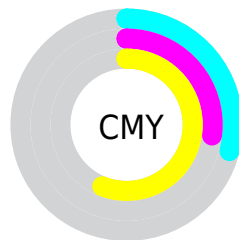
- Red (71%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4BB70 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 B4BB70 by changing the saturation by 10% instead.



B4BB70



B4BB70

FFFFFF



99A057



EDF3A5



7E863E



FFFFC0



646D26



FFFFDC



4B540D



FFFFF9



333D00



1B2800



001500



000000



B4BB70



B4BB70

 B2BB5D

 B6BB83

 B1BB4B

 B7BB95

 AFBB38

 B9BBA8

 ADBB25

 BBBBBB

 ABBB12

 BDBBCD

 AABB00

 BEBBE0

 C0BBF3

 C2BBFF

 C4BBFF

Harmonies

Analogous

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



D8AF6D



B4BB70



8AC486

Triad

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



B4BB70



29C5ED



F59AC2

Complementary

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



B4BB70



7770BB

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.



D8A3E4



B4BB70



6CBCFD

Square

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



B4BB70



23C9CE



A9B0F9



FD9A9E

Rectangle

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



B4BB70



6BC79C



A9B0F9



ED9CCE

Sweetspot

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



B4BB70



F0F2D5



BB7670



797A69



FAFAFA



7A7A7A

Same Dimension

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



B4BB70



E7F27E



8FBB70



5D5E55



8F9E00



1C1F00

Inverse Universe

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



7770BB



897EF2



9C70BB



56555E



0F009E



03001F

Previews

White Background



This preview shows how the Hex color B4BB70 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



This preview shows how the Hex color B4BB70 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

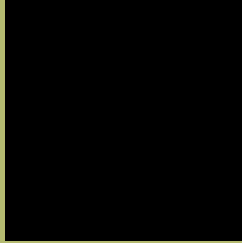
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

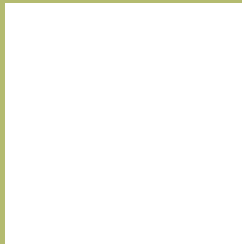
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B4BB70 Background



This preview shows how black text looks on a background with the Hex color B4BB70.

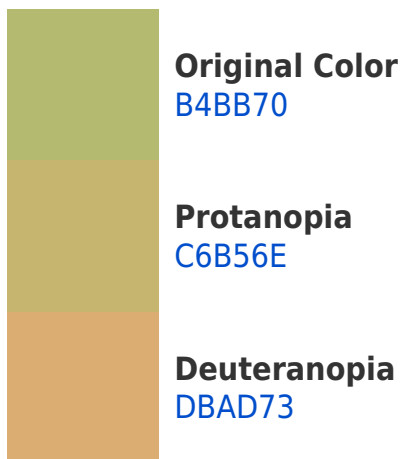


This preview shows how white text looks on a background with the Hex color B4BB70.

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



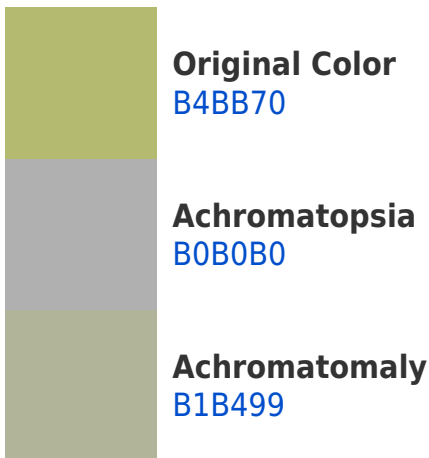


Tritanopia
BDB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4BB70 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 #B4BB70 looks like.

```
.text, #text, p{  
    color:#B4BB70  
}
```

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 #B4BB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4BB70
}
```

Border

The CSS property to change the border of an element to Hex B4BB70 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
#B4BB70 }
```

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

```
.border{ border-color:#B4BB70 }
```

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

Here you see how a box with a 4 pixel #B4BB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4BB70; -webkit-box-shadow:4px 4px  
4px 4px #B4BB70; box-shadow:4px 4px 4px  
4px #B4BB70 }
```

Background

The CSS property to change the background color of an element to Hex B4BB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4BB70 }
```

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

```
.background{ background-color:#B4BB70 }
```

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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