

# Converting Colors

Hex(B4BC56)

Have a look what the booklet for  
Hex(B4BC56) contains.

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# **Color**

**Hex(B4BC56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4BC56
RGB	180, 188, 86
RGB Percent	71%, 74%, 34%
CMY	0.2941, 0.2627, 0.6627
CMYK	0.04, 0.00, 0.54, 0.26
HSL	65°, 43%, 54%
HSV	65°, 54%, 74%
XYZ	38.4853, 46.3416, 15.7205
YIQ	173.9800, 27.9740, -33.4180

# Conversions

## Conversions Part 2

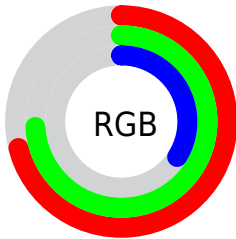
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 188, 94
Decimal	11844694
CIELab	73.77, -17.02, 49.85
CIELCh	74, 52.674, 108.853
Yxy	46.3416, 0.3828, 0.4609
Android (android.graphics.Color)	4290034774 (0xFFB4BC56)
YUV	173.9800, -43.3741, 5.2795
Hunter-Lab	68.0747, -18.2175, 33.9604

# Details

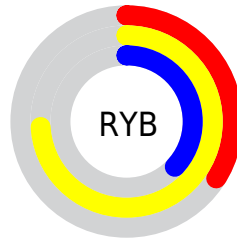
The Hex color **B4BC56** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5E56BC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EEF48B**, and **7D8721** is the 20% darker color. If you saturate the color by 10%, you get **B3BC43**, and if you desaturate by 10%, it is **B5BC69**.

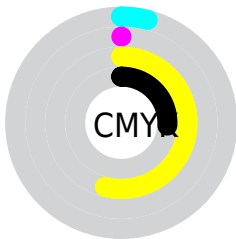
# Distribution



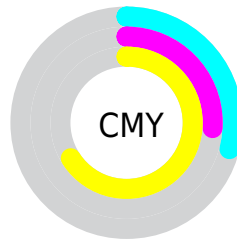
- Red (71%)
- Green (74%)
- Blue (34%)



- Red (34%)
- Yellow (74%)
- Blue (37%)



- Cyan (4%)
- Magenta (0%)
- Yellow (54%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4BC56 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 B4BC56 by changing the saturation by 10% instead.



 B4BC56

 B4BC56

FFFFFF

 98A13C

 EE48B

 7D8721

 FFFFA6

 626E00

 FFFFC2

 485500

 FFFFDE

 2F3E00

 FFFFFB

 162800

 001600

 000000

 B4BC56

 B4BC56

 B3BC43

 B5BC69

 B1BC30

 B7BC7C

 B0BC1E

 B8BC8E

 AEBC0B

 BABCA1

 ADBC00

 BBBCB4

 BDBCC7

 BEBCDA

 C0BCEC

 C1BCFF

# Harmonies

## Analogous

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



E1AC54



B4BC56



7CC773

# Triad

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



B4BC56



00CAFD



FF8FC9

# Complementary

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



B4BC56



5E56BC

# 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.



DF9DF5



B4BC56



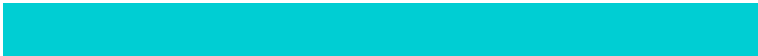
16C0FF

# Square

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



B4BC56



00CED3



9CB0FF



FF8E99

# Rectangle

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



B4BC56



4ACB91



9CB0FF



FC92D9



# Sweetspot

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



B4BC56



F2F5CE



BC5D56



797A63



FAFAFA



7A7A7A



# Same Dimension

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



B4BC56



E8F556



82BC56



5E5E55



929E00



1C1F00



# Inverse Universe

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



5E56BC



6256F5



9056BC



56555E



0C009E



02001F



# Previews

## White Background



This preview shows how the Hex color B4BC56 looks on a white background.

## Color Contrast Check

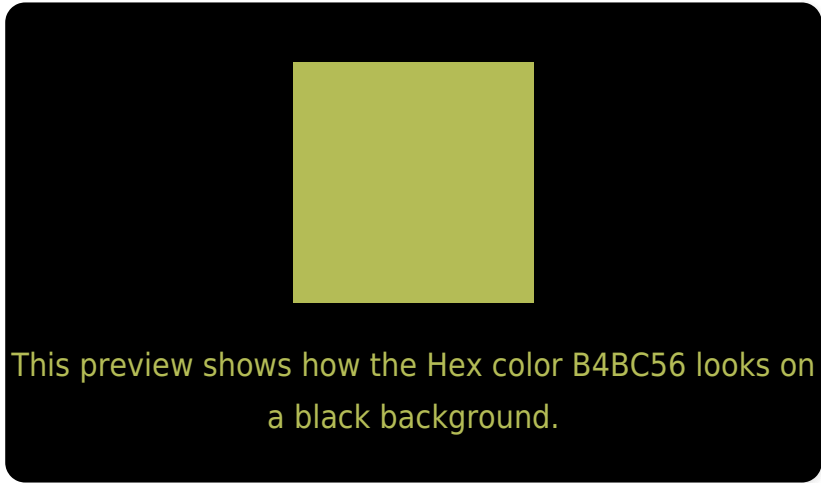
Large Text (above 18pt) WCAG AA × Fail

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

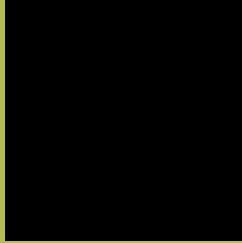
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4BC56 Background



This preview shows how black text looks on a background with the Hex color B4BC56.

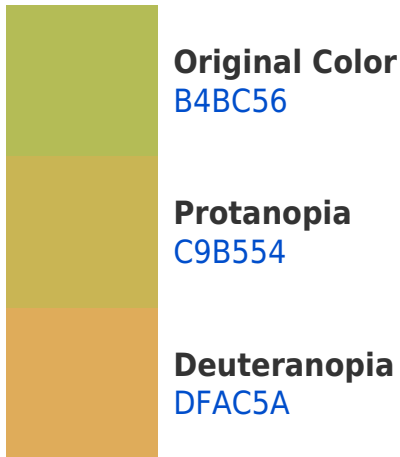


This preview shows how white text looks on a background with the Hex color B4BC56.

# 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**  
BFB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4BC56 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 #B4BC56 looks like.

```
.text, #text, p{  
    color:#B4BC56  
}
```

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 #B4BC56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4BC56
}
```

## Border

The CSS property to change the border of an element to Hex B4BC56 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
#B4BC56 }
```

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

```
.border{ border-color:#B4BC56 }
```

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

Here you see how a box with a 4 pixel #B4BC56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4BC56; -webkit-box-shadow:4px 4px  
4px 4px #B4BC56; box-shadow:4px 4px 4px  
4px #B4BC56 }
```

# Background

The CSS property to change the background color of an element to Hex B4BC56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4BC56 }
```

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

```
.background{ background-color:#B4BC56 }
```

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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