

# Converting Colors

Hex(B0BE75)

Have a look what the booklet for  
Hex(B0BE75) contains.

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**Color**

**Hex(B0BE75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0BE75
RGB	176, 190, 117
RGB Percent	69%, 75%, 46%
CMY	0.3098, 0.2549, 0.5412
CMYK	0.07, 0.00, 0.38, 0.25
HSL	72°, 36%, 60%
HSV	72°, 38%, 75%
XYZ	39.5288, 47.3414, 23.8840
YIQ	177.4920, 15.0890, -25.6710

# Conversions

## Conversions Part 2

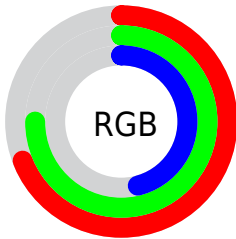
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 190, 131
Decimal	11583093
CIELab	74.41, -16.47, 35.26
CIELCh	74, 38.915, 115.040
Yxy	47.3414, 0.3569, 0.4274
Android (android.graphics.Color)	4289773173 (0xFFB0BE75)
YUV	177.4920, -29.8226, -1.3085
Hunter-Lab	68.8051, -17.8598, 27.5824

# Details

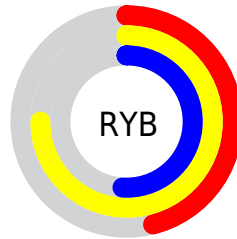
The Hex color **B0BE75** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8375BE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E8F6AA**, and **7A8943** is the 20% darker color. If you saturate the color by 10%, you get **ACBE62**, and if you desaturate by 10%, it is **B4BE88**.

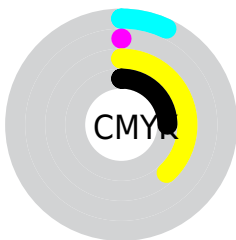
# Distribution



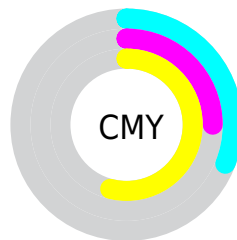
- Red (69%)
- Green (75%)
- Blue (46%)



- Red (46%)
- Yellow (75%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0BE75 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 B0BE75 by changing the saturation by 10% instead.





B0BE75



B0BE75

FFFFFF



95A35C



E8F6AA



7A8943



FFFFC6



616F2B



FFFFE2



485713



304000



182A00



001700



000000



B0BE75



B0BE75

 ACBE62

 B4BE88

 A9BE4F

 B7BE9B

 A5BE3C

 BBBEAE

 A1BE29

 BFBEC1

 9EBE16

 C2BED4

 9ABE03

 C6BEE7

 9ABE00

 CABEFA

 CDBEFF

 D1BEFF

# Harmonies

## Analogous

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



D4B36F



B0BE75



86C68D

# Triad

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



B0BE75



3CC5F1



F89CBE

# Complementary

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



B0BE75



8375BE

# 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.



DFA3E0



B0BE75



79BCFE

# Square

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



B0BE75



29CAD4



B3B0F8



FD9D9B

# Rectangle

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



B0BE75



68C9A3



B3B0F8



F29DCA

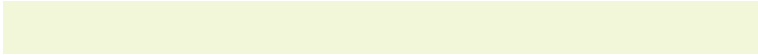


# Sweetspot

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



B0BE75



F2F7DA



BE8275



7A7D6B



FCFCFC



7D7D7D



# Same Dimension

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



B0BE75



E2F786



8CBE75



5D5E55



809E00



191F00



# Inverse Universe

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



8375BE



9B86F7



A775BE



57555E



1E009E



06001F



# Previews

## White Background



This preview shows how the Hex color B0BE75 looks on a white background.

## Color Contrast Check

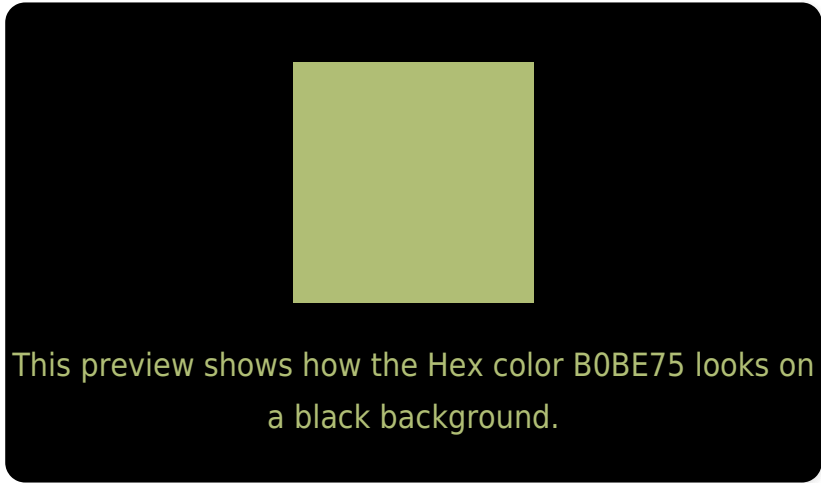
Large Text (above 18pt) WCAG AA × Fail

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

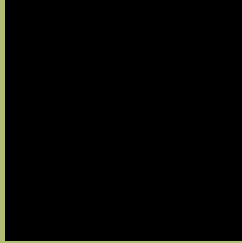
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0BE75 Background



This preview shows how black text looks on a background with the Hex color B0BE75.

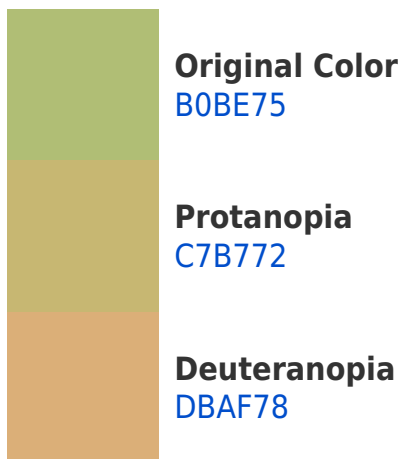


This preview shows how white text looks on a background with the Hex color B0BE75.

# 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](#).

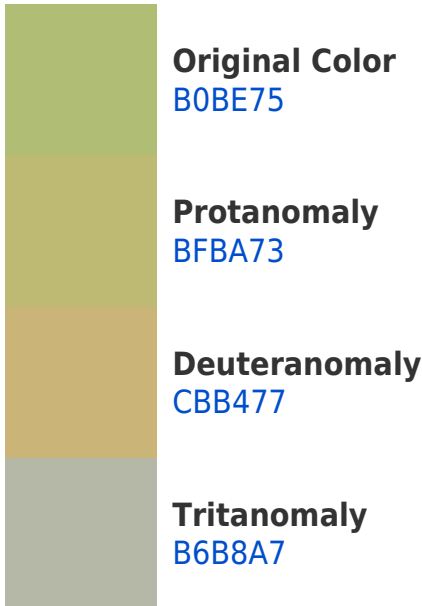
## Dichromacy



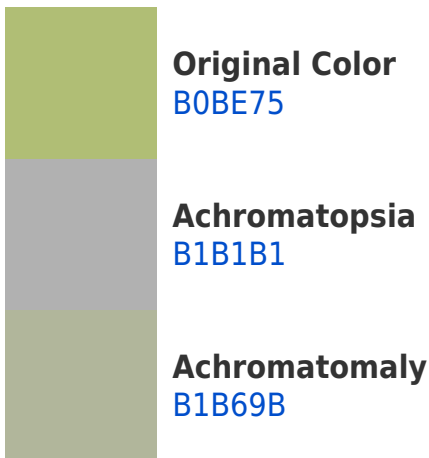


**Tritanopia**  
BAB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0BE75 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 #B0BE75 looks like.

```
.text, #text, p{  
    color:#B0BE75  
}
```

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 #B0BE75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0BE75
}
```

## Border

The CSS property to change the border of an element to Hex B0BE75 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
#B0BE75 }
```

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

```
.border{ border-color:#B0BE75 }
```

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

Here you see how a box with a 4 pixel #B0BE75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0BE75; -webkit-box-shadow:4px 4px  
4px 4px #B0BE75; box-shadow:4px 4px 4px  
4px #B0BE75 }
```

# Background

The CSS property to change the background color of an element to Hex B0BE75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0BE75 }
```

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

```
.background{ background-color:#B0BE75 }
```

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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