

# Converting Colors

Hex(B0B672)

Have a look what the booklet for  
Hex(B0B672) contains.

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# **Color**

**Hex(B0B672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0B672
RGB	176, 182, 114
RGB Percent	69%, 71%, 45%
CMY	0.3098, 0.2863, 0.5529
CMYK	0.03, 0.00, 0.37, 0.29
HSL	65°, 32%, 58%
HSV	65°, 37%, 71%
XYZ	37.6697, 43.9009, 22.4079
YIQ	172.4540, 18.2520, -22.4200

# Conversions

## Conversions Part 2

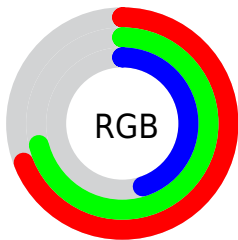
Format	Color
<a href="#">RYB</a>	<a href="#">114, 182, 120</a>
Decimal	<a href="#">11581042</a>
CIELab	<a href="#">72.16, -12.74, 33.92</a>
CIELCh	<a href="#">72, 36.236, 110.580</a>
Yxy	<a href="#">43.9009, 0.3623, 0.4222</a>
Android (android.graphics.Color)	<a href="#">4289771122 (0xFFB0B672)</a>
YUV	<a href="#">172.4540, -28.8178, 3.1098</a>
Hunter-Lab	<a href="#">66.2578, -14.4680, 26.3290</a>

# Details

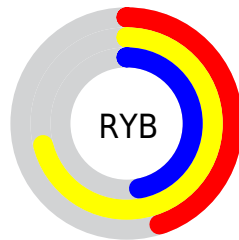
The Hex color **B0B672** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7872B6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E8EEA7**, and **7A8141** is the 20% darker color. If you saturate the color by 10%, you get **AEB660**, and if you desaturate by 10%, it is **B2B684**.

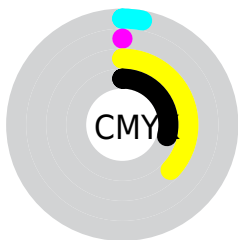
# Distribution



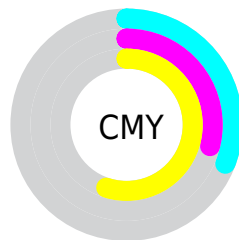
- Red (69%)
- Green (71%)
- Blue (45%)



- Red (45%)
- Yellow (71%)
- Blue (47%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0B672 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 B0B672 by changing the saturation by 10% instead.



 B0B672

 B0B672

FFFFFF

 959B59

 E8EEA7

 7A8141

 FFFFC2

 616829

 FFFFDE

 485011

 FFFFFB

 303900

 192400

 000E00

 000000

 B0B672

 B0B672

 AEB660

 B2B684

 ADB64E

 B3B696

 ABB63B

 B5B6A9

 AAB629

 B6B6BB

 A8B617

 B8B6CD

 A6B605

 BAB6DF

 A6B600

 BBB6F1

 BDB6FF

 BEB6FF

# Harmonies

## Analogous

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



D1AB70



B0B672



8ABE86

# Triad

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



B0B672



40BFE3



EB99BD

# Complementary

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



B0B672



7872B6

# 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.



D1A0DB



B0B672



71B7F2

# Square

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



B0B672



3BC3C7



A6ACEF



F2989B

# Rectangle

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



B0B672



6FC19A



A6ACEF



E49AC8



# Sweetspot

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



B0B672



EBEDD3



B67872



767868



F7F7F7



787878



# Same Dimension

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



B0B672



E4ED82



8EB672



5B5C53



8E9C00



1A1C00



# Inverse Universe

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



7872B6



8C82ED



9A72B6



53535C



0E009C



02001C



# Previews

## White Background



This preview shows how the Hex color B0B672 looks on a white background.

## Color Contrast Check

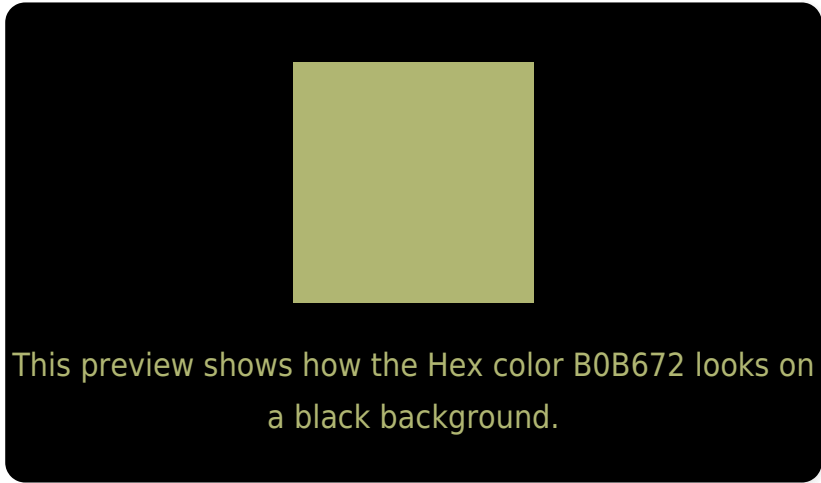
Large Text (above 18pt) WCAG AA × Fail

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

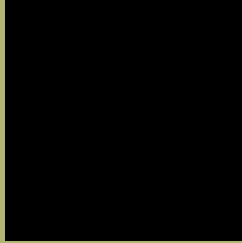
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0B672 Background



This preview shows how black text looks on a background with the Hex color B0B672.

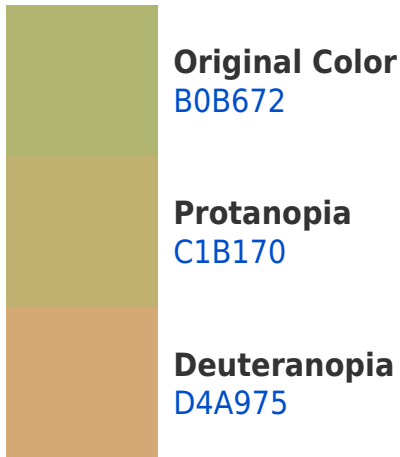


This preview shows how white text looks on a background with the Hex color B0B672.

# 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](#).

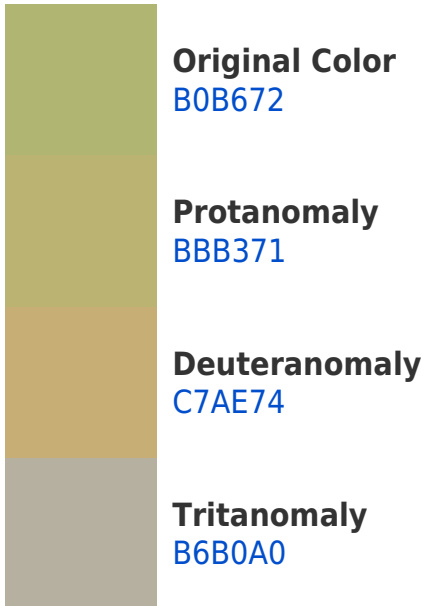
## Dichromacy



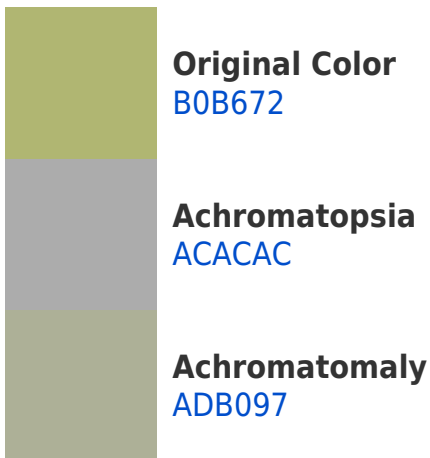


**Tritanopia**  
B9ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0B672 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 #B0B672 looks like.

```
.text, #text, p{  
    color:#B0B672  
}
```

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 #B0B672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B672
}
```

## Border

The CSS property to change the border of an element to Hex B0B672 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
#B0B672 }
```

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

```
.border{ border-color:#B0B672 }
```

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

Here you see how a box with a 4 pixel #B0B672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B672; -webkit-box-shadow:4px 4px  
4px 4px #B0B672; box-shadow:4px 4px 4px  
4px #B0B672 }
```

# Background

The CSS property to change the background color of an element to Hex B0B672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B672 }
```

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

```
.background{ background-color:#B0B672 }
```

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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