

# Converting Colors

Hex(B0B968)

Have a look what the booklet for  
Hex(B0B968) contains.

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**Color**

**Hex(B0B968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0B968
RGB	176, 185, 104
RGB Percent	69%, 73%, 41%
CMY	0.3098, 0.2745, 0.5922
CMYK	0.05, 0.00, 0.44, 0.27
HSL	67°, 37%, 57%
HSV	67°, 44%, 73%
XYZ	37.7521, 44.9275, 19.7788
YIQ	173.0750, 20.6370, -27.0990

# Conversions

## Conversions Part 2

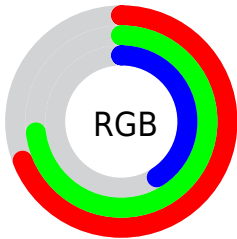
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 185, 113</a>
Decimal	<a href="#">11581800</a>
<a href="#">CIELab</a>	<a href="#">72.84, -15.41, 39.91</a>
<a href="#">CIELCh</a>	<a href="#">73, 42.782, 111.111</a>
<a href="#">Yxy</a>	<a href="#">44.9275, 0.3685, 0.4385</a>
Android (android.graphics.Color)	<a href="#">4289771880</a> ( <a href="#">0xFFB0B968</a> )
<a href="#">YUV</a>	<a href="#">173.0750, -34.0540, 2.5652</a>
<a href="#">Hunter-Lab</a>	<a href="#">67.0280, -16.7625, 29.4241</a>

# Details

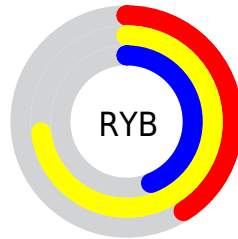
The Hex color **B0B968** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7168B9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E9F19D**, and **7A8436** is the 20% darker color. If you saturate the color by 10%, you get **AEB956**, and if you desaturate by 10%, it is **B2B97B**.

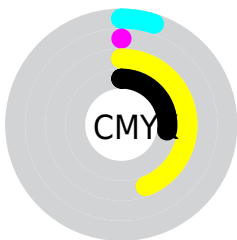
# Distribution



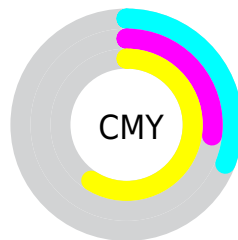
- Red (69%)
- Green (73%)
- Blue (41%)



- Red (41%)
- Yellow (73%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0B968 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 B0B968 by changing the saturation by 10% instead.



 B0B968

 B0B968

FFFFFF

 959E4F

 E9F19D

 7A8436

 FFFF88

 606B1E

 FFFF80

 475301

 FFFF60

 2F3C00

 162600

 001200

 000000

 B0B968

 B0B968

 AEB956

 B2B97B

 ACB943

 B4B98D

 AAB931

 B6B9A0

 A8B91E

 B8B9B2

 A6B90C

 BAB9C5

 A4B900

 BCB9D7

 BEB9EA

 C0B9FC

 C3B9FF

# Harmonies

## Analogous

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



D6AC65



B0B968



83C280

# Triad

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



B0B968



00C3EF



F795C0

# Complementary

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



B0B968



7168B9

# 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.



D99FE4



B0B968



60BAFF

# Square

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



B0B968



00C7CE



A5ADFC



FE9599

# Rectangle

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



B0B968



5FC698



A5ADFC



EF97CD



# Sweetspot

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



B0B968



ECF0D1



B97068



767865



F7F7F7



787878



# Same Dimension

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



B0B968



E2F071



88B968



5B5C53



8A9C00



191C00



# Inverse Universe

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



7168B9



7F71F0



9968B9



54535C



11009C



03001C



# Previews

## White Background



This preview shows how the Hex color B0B968 looks on a white background.

## Color Contrast Check

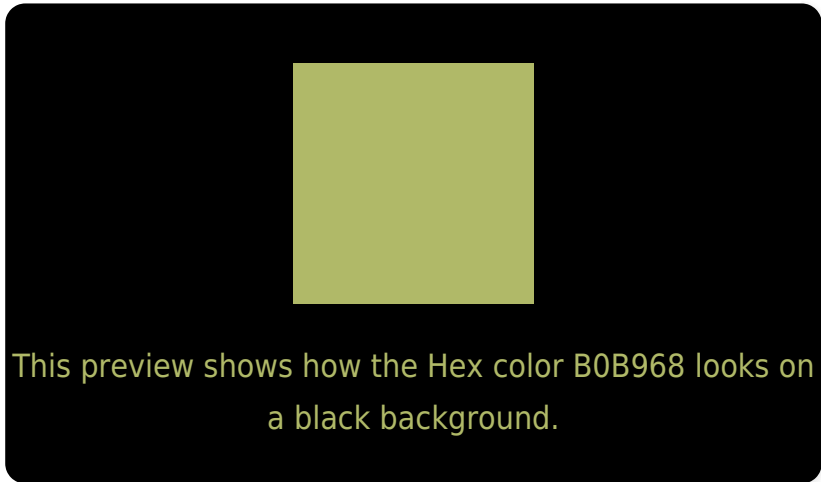
Large Text (above 18pt) WCAG AA × Fail

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

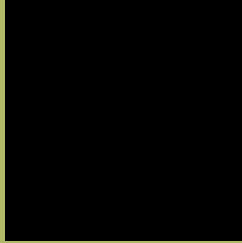
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B0B968 Background



This preview shows how black text looks on a background with the Hex color B0B968.

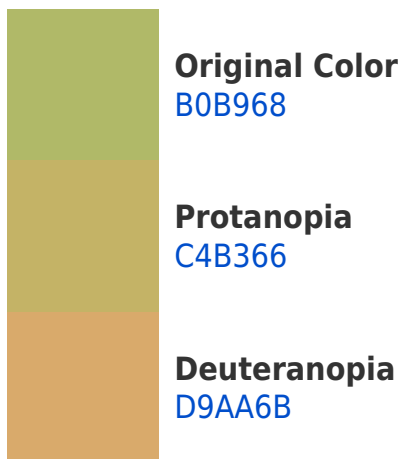


This preview shows how white text looks on a background with the Hex color B0B968.

# Color Blindness Simulation

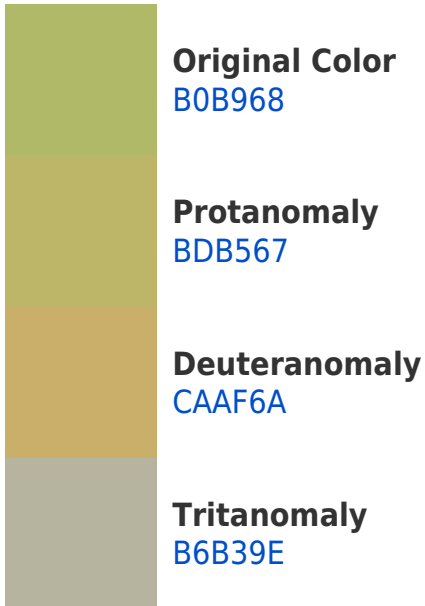
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

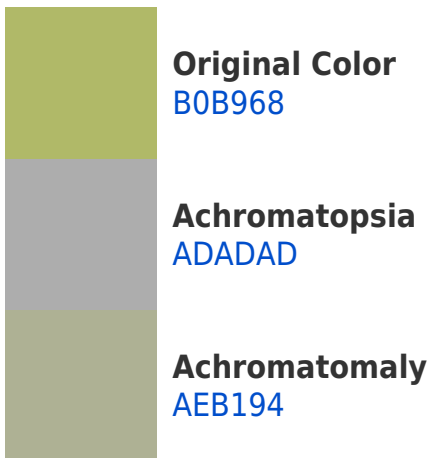




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0B968 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 #B0B968 looks like.

```
.text, #text, p{  
    color:#B0B968  
}
```

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 #B0B968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B968
}
```

## Border

The CSS property to change the border of an element to Hex B0B968 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
#B0B968 }
```

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

```
.border{ border-color:#B0B968 }
```

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

Here you see how a box with a 4 pixel #B0B968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B968; -webkit-box-shadow:4px 4px  
4px 4px #B0B968; box-shadow:4px 4px 4px  
4px #B0B968 }
```

# Background

The CSS property to change the background color of an element to Hex B0B968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B968 }
```

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

```
.background{ background-color:#B0B968 }
```

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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