

Converting Colors

Hex(B0B850)

Have a look what the booklet for
Hex(B0B850) contains.

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Color

Hex(B0B850)

Conversions

Conversions Part 1

Format	Color
Hex	B0B850
RGB	176, 184, 80
RGB Percent	69%, 72%, 31%
CMY	0.3098, 0.2784, 0.6863
CMYK	0.04, 0.00, 0.57, 0.28
HSL	65°, 42%, 52%
HSV	65°, 57%, 72%
XYZ	36.4930, 44.0903, 14.1763
YIQ	169.7520, 28.6160, -34.0400

Conversions

Conversions Part 2

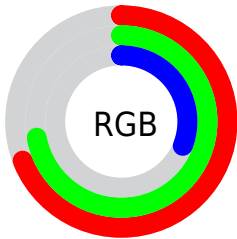
Format	Color
RYB	80, 184, 88
Decimal	11581520
CIELab	72.29, -17.15, 50.85
CIELCh	72, 53.668, 108.634
Yxy	44.0903, 0.3851, 0.4653
Android (android.graphics.Color)	4289771600 (0xFFB0B850)
YUV	169.7520, -44.2477, 5.4795
Hunter-Lab	66.4005, -18.0993, 33.8221

Details

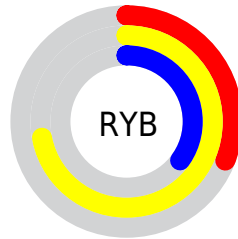
The Hex color **B0B850** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5850B8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EAF085**, and **79831A** is the 20% darker color. If you saturate the color by 10%, you get **AFB83E**, and if you desaturate by 10%, it is **B1B862**.

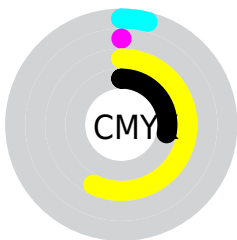
Distribution



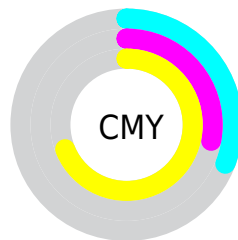
- Red (69%)
- Green (72%)
- Blue (31%)



- Red (31%)
- Yellow (72%)
- Blue (35%)



- Cyan (4%)
- Magenta (0%)
- Yellow (57%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B850 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 B0B850 by changing the saturation by 10% instead.



B0B850



B0B850

FFFFFF



949D36



EAF085



79831A



FFFFA0



5E6A00



FFFFBC



455200



FFFFD8



2B3B00



FFFFF5



122500



000F00



000000



B0B850



B0B850

 AFB83E

 B1B862

 ADB82B

 B3B875

 ACB819

 B4B887

 AAB806

 B6B89A

 AAB800

 B7B8AC

 B8B8BE

 BAB8D1

 BBB8E3

 BDB8F6

Harmonies

Analogous

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



DEA84F



B0B850



77C36E

Triad

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



B0B850



00C6FA



FF8AC6

Complementary

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



B0B850



5850B8

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.



DB98F3



B0B850



00BCFF

Square

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



B0B850



00CACF



96ACFF



FF8995

Rectangle

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



B0B850



42C78C



96ACFF



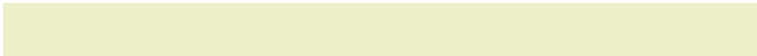
F98DD6

Sweetspot

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



B0B850



EDF0C7



B85750



767860



F7F7F7



787878

Same Dimension

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



B0B850



E3F04D



7DB850



5B5C53



909C00



1A1C00

Inverse Universe

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



5850B8



594DF0



8B50B8



53535C



0C009C



02001C

Previews

White Background



This preview shows how the Hex color B0B850 looks on a white background.

Color Contrast Check

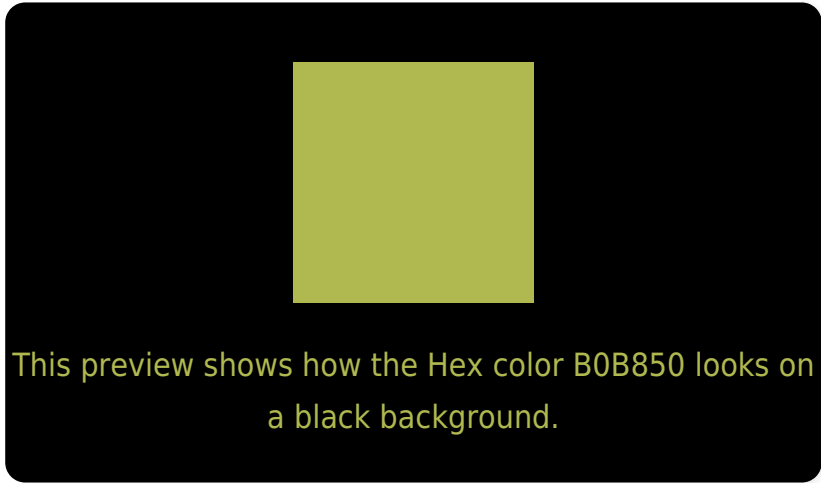
Large Text (above 18pt) WCAG AA × Fail

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 B0B850 Background



This preview shows how black text looks on a background with the Hex color B0B850.



This preview shows how white text looks on a background with the Hex color B0B850.

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



Original Color
B0B850

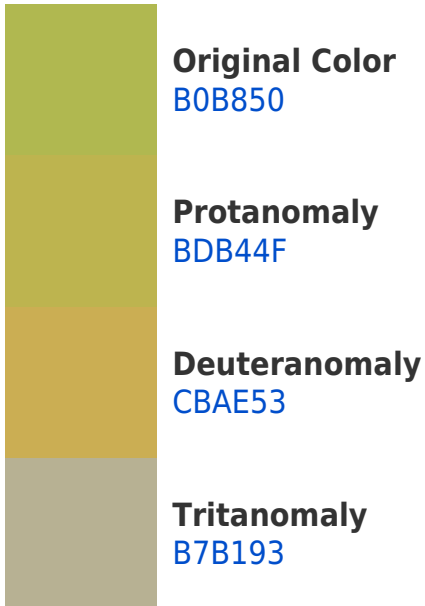
Protanopia
C5B14E

Deuteranopia
DAA954

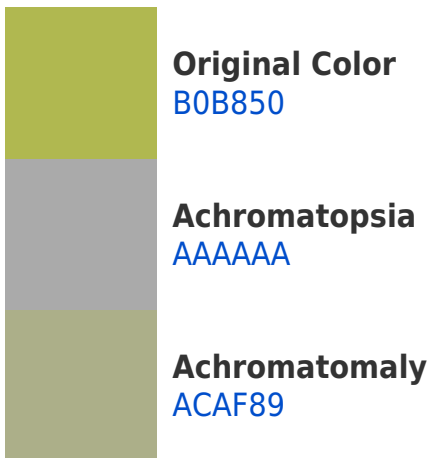


Tritanopia
BBADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B850 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 #B0B850 looks like.

```
.text, #text, p{  
    color:#B0B850  
}
```

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 #B0B850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B850
}
```

Border

The CSS property to change the border of an element to Hex B0B850 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
#B0B850 }
```

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

```
.border{ border-color:#B0B850 }
```

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

Here you see how a box with a 4 pixel #B0B850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B850; -webkit-box-shadow:4px 4px  
4px 4px #B0B850; box-shadow:4px 4px 4px  
4px #B0B850 }
```

Background

The CSS property to change the background color of an element to Hex B0B850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B850 }
```

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

```
.background{ background-color:#B0B850 }
```

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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