

Converting Colors

Hex(B0B950)

Have a look what the booklet for
Hex(B0B950) contains.

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Color

Hex(B0B950)

Conversions

Conversions Part 1

Format	Color
Hex	B0B950
RGB	176, 185, 80
RGB Percent	69%, 73%, 31%
CMY	0.3098, 0.2745, 0.6863
CMYK	0.05, 0.00, 0.57, 0.27
HSL	65°, 43%, 52%
HSV	65°, 57%, 73%
XYZ	36.7014, 44.5072, 14.2458
YIQ	170.3390, 28.3410, -34.5630

Conversions

Conversions Part 2

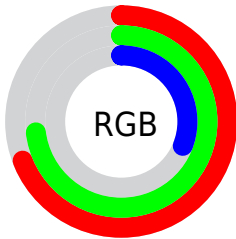
Format	Color
RYB	80, 185, 89
Decimal	11581776
CIELab	72.57, -17.65, 51.17
CIELCh	73, 54.127, 109.035
Yxy	44.5072, 0.3845, 0.4663
Android (android.graphics.Color)	4289771856 (0xFFB0B950)
YUV	170.3390, -44.5371, 4.9647
Hunter-Lab	66.7137, -18.5503, 34.0390

Details

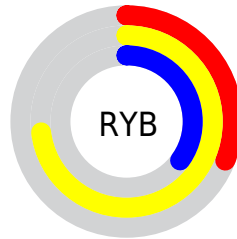
The Hex color **B0B950** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5950B9**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EAF185**, and **79841A** is the 20% darker color. If you saturate the color by 10%, you get **AEB93D**, and if you desaturate by 10%, it is **B2B963**.

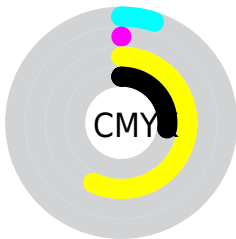
Distribution



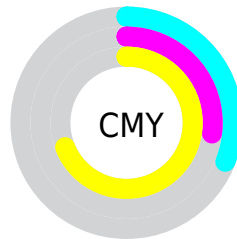
- Red (69%)
- Green (73%)
- Blue (31%)



- Red (31%)
- Yellow (73%)
- Blue (35%)



- Cyan (5%)
- Magenta (0%)
- Yellow (57%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B950 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 B0B950 by changing the saturation by 10% instead.

 B0B950

FFFFFF

 EAF185

 FFFFA0

 FFFFBC

 FFFFD8

 FFFFF5

 B0B950

 949E36

 79841A

 5E6B00

 455300

 2B3C00

 122600

 001000

 000000

 B0B950

 B0B950

 AEB93D

 B2B963

 ADB92B

 B3B975

 ABB918

 B5B988

 AAB906

 B6B99A

 A9B900

 B8B9AD

 BAB9BF

 BBB9D2

 BDB9E4

 BEB9F6

Harmonies

Analogous

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



DEA94E



B0B950



76C46F

Triad

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



B0B950



00C7FC



FF8AC6

Complementary

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



B0B950



5950B9

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.



DD99F3



B0B950



00BDFF

Square

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



B0B950



00CBD1



97ACFF



FF8994

Rectangle

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



B0B950



3FC88D



97ACFF



FB8ED7

Sweetspot

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



B0B950



ECF0C7



B95950



767860



F7F7F7



787878

Same Dimension

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



B0B950



E2F04D



7CB950



5B5C53



8E9C00



1A1C00

Inverse Universe

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



5950B9



5B4DF0



8D50B9



53535C



0D009C



02001C

Previews

White Background



This preview shows how the Hex color B0B950 looks on a white background.

Color Contrast Check

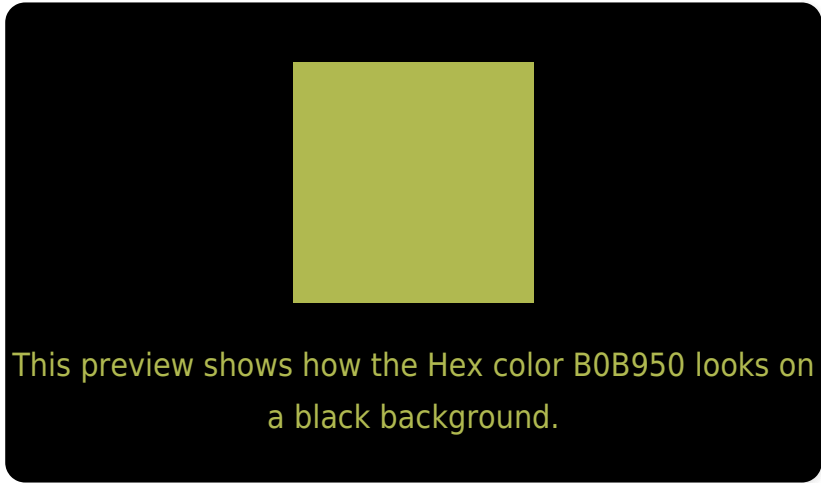
Large Text (above 18pt) WCAG AA × Fail

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 B0B950 Background



This preview shows how black text looks on a background with the Hex color B0B950.

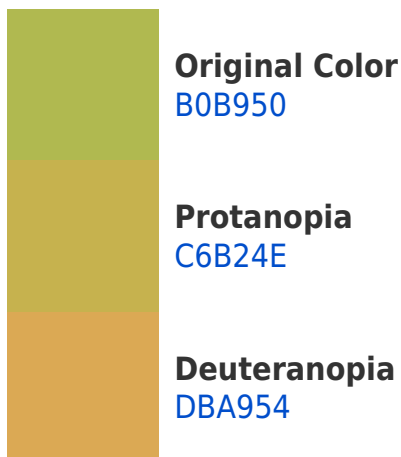


This preview shows how white text looks on a background with the Hex color B0B950.

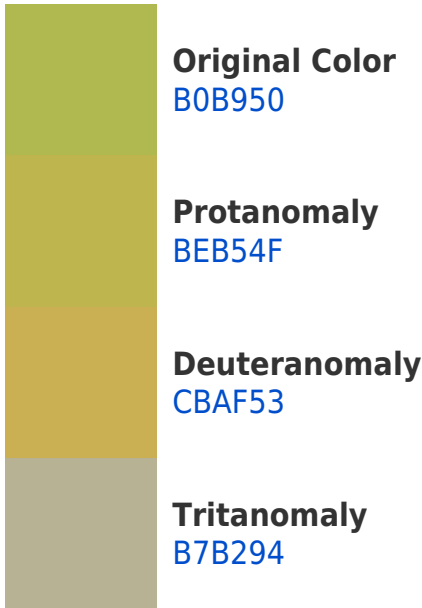
Color Blindness Simulation

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](#).

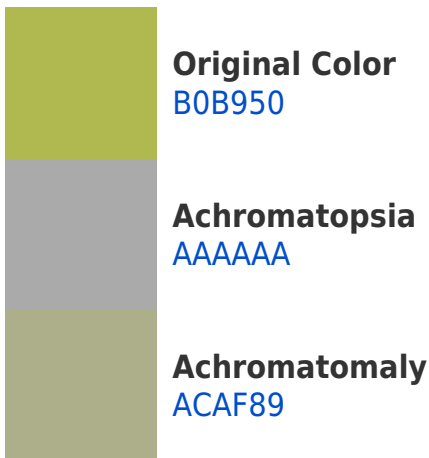
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B950 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 #B0B950 looks like.

```
.text, #text, p{  
    color:#B0B950  
}
```

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 #B0B950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B950
}
```

Border

The CSS property to change the border of an element to Hex B0B950 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
#B0B950 }
```

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

```
.border{ border-color:#B0B950 }
```

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

Here you see how a box with a 4 pixel #B0B950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B950; -webkit-box-shadow:4px 4px  
4px 4px #B0B950; box-shadow:4px 4px 4px  
4px #B0B950 }
```

Background

The CSS property to change the background color of an element to Hex B0B950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B950 }
```

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

```
.background{ background-color:#B0B950 }
```

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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