

Converting Colors

Hex(B0B638)

Have a look what the booklet for
Hex(B0B638) contains.

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Color

Hex(B0B638)

Conversions

Conversions Part 1

Format	Color
Hex	B0B638
RGB	176, 182, 56
RGB Percent	69%, 71%, 22%
CMY	0.3098, 0.2863, 0.7804
CMYK	0.03, 0.00, 0.69, 0.29
HSL	63°, 53%, 47%
HSV	63°, 69%, 71%
XYZ	35.3463, 42.9715, 10.1728
YIQ	165.8420, 36.8700, -40.4580

Conversions

Conversions Part 2

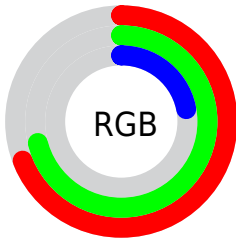
Format	Color
RYB	56, 182, 62
Decimal	11580984
CIELab	71.54, -17.75, 60.17
CIELCh	72, 62.735, 106.434
Yxy	42.9715, 0.3994, 0.4856
Android (android.graphics.Color)	4289771064 (0xFFB0B638)
YUV	165.8420, -54.1521, 8.9086
Hunter-Lab	65.5527, -18.4693, 36.6860

Details

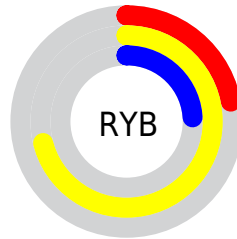
The Hex color **B0B638** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3E38B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EAEE6F**, and **788100** is the 20% darker color. If you saturate the color by 10%, you get **AFB626**, and if you desaturate by 10%, it is **B1B64A**.

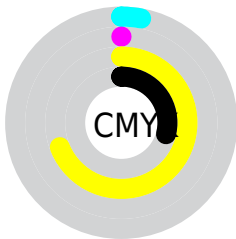
Distribution



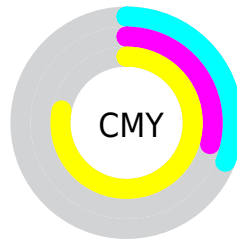
- Red (69%)
- Green (71%)
- Blue (22%)



- Red (22%)
- Yellow (71%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B638 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 B0B638 by changing the saturation by 10% instead.



B0B638



B0B638

FFFFFF



949B19



EAE66F



788100



FFFF8A



5D6800



FFFFA6



435000



FFFFC2



283900



FFFFDE



0F2400



FFFFFC



000B00



000000



B0B638



B0B638

 AFB626

 B1B64A

 AEB614

 B2B65C

 ADB601

 B3B66F

 ADB600

 B3B681

 B4B693

 B5B6A5

 B6B6B7

 B7B6CA

 B8B6DC

Harmonies

Analogous

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



E4A33A



B0B638



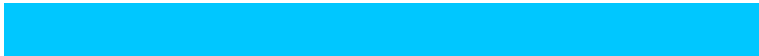
6EC35C

Triad

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



B0B638



00C7FF



FF7FCC

Complementary

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



B0B638



3E38B6

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.



DA93FF



B0B638



00BDFF

Square

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



B0B638



00CBCE



81ABFF



FF7C92

Rectangle

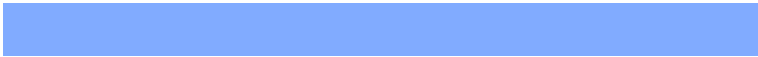
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0B638



1AC87F



81ABFF



FE84DE

Sweetspot

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



B0B638



EBEDBB



B63C38



76785A



F7F7F7



787878

Same Dimension

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



B0B638



E4ED28



73B638



5B5C53



949C00



1B1C00

Inverse Universe

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



3E38B6



3228ED



7B38B6



53535C



07009C



01001C

Previews

White Background



This preview shows how the Hex color B0B638 looks on a white background.

Color Contrast Check

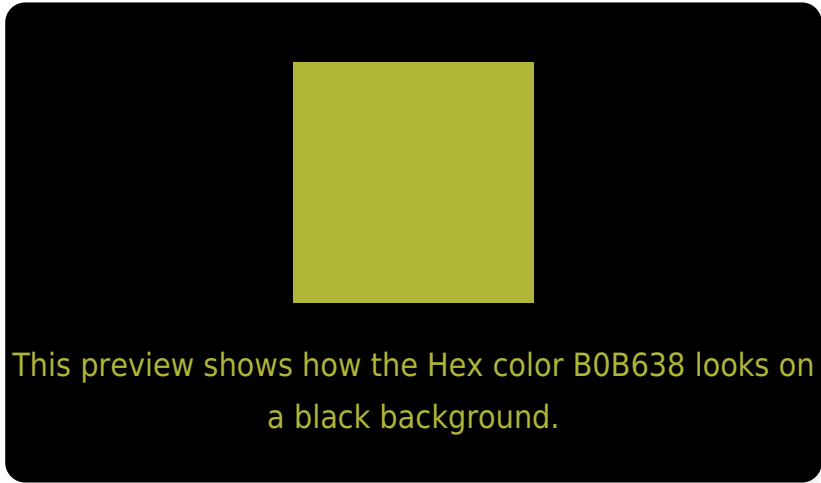
Large Text (above 18pt) WCAG AA × Fail

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 B0B638 Background



This preview shows how black text looks on a background with the Hex color B0B638.



This preview shows how white text looks on a background with the Hex color B0B638.

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

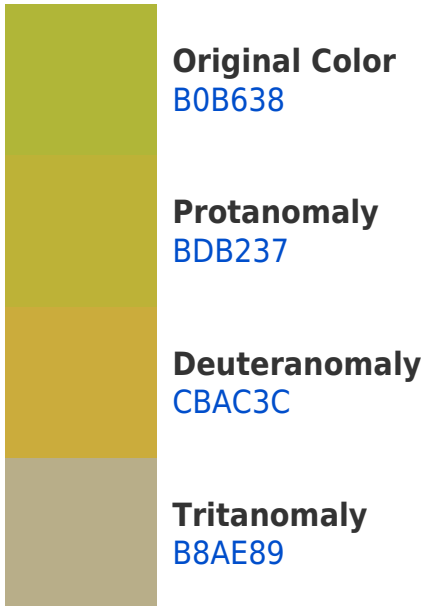


Original Color
B0B638

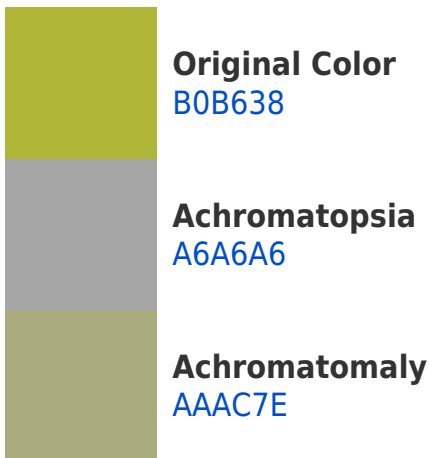
Protanopia
C4AF36

Deuteranopia
DBA63E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B638 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 #B0B638 looks like.

```
.text, #text, p{  
    color:#B0B638  
}
```

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 #B0B638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B638
}
```

Border

The CSS property to change the border of an element to Hex B0B638 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
#B0B638 }
```

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

```
.border{ border-color:#B0B638 }
```

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

Here you see how a box with a 4 pixel #B0B638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B638; -webkit-box-shadow:4px 4px  
4px 4px #B0B638; box-shadow:4px 4px 4px  
4px #B0B638 }
```

Background

The CSS property to change the background color of an element to Hex B0B638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B638 }
```

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

```
.background{ background-color:#B0B638 }
```

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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