

Converting Colors

Hex(B0B031)

Have a look what the booklet for
Hex(B0B031) contains.

Hex(B0B031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0B031)

Conversions

Conversions Part 1

Format	Color
Hex	B0B031
RGB	176, 176, 49
RGB Percent	69%, 69%, 19%
CMY	0.3098, 0.3098, 0.8078
CMYK	0.00, 0.00, 0.72, 0.31
HSL	60°, 56%, 44%
HSV	60°, 72%, 69%
XYZ	33.9842, 40.5025, 8.9323
YIQ	161.5220, 40.7670, -39.4970

Conversions

Conversions Part 2

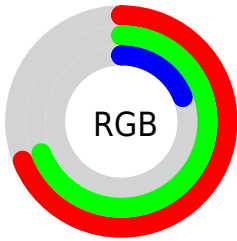
Format	Color
RYB	49, 176, 49
Decimal	11579441
CIELab	69.83, -15.06, 61.07
CIELCh	70, 62.902, 103.851
Yxy	40.5025, 0.4074, 0.4855
Android (android.graphics.Color)	4289769521 (0xFFB0B031)
YUV	161.5220, -55.4733, 12.6972
Hunter-Lab	63.6416, -16.0549, 36.2275

Details

The Hex color **B0B031** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3131B0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EAE768**, and **787C00** is the 20% darker color. If you saturate the color by 10%, you get **B0B01F**, and if you desaturate by 10%, it is **B0B043**.

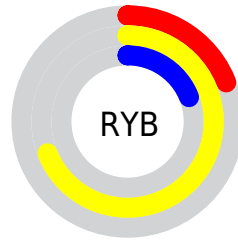
Distribution



Red (69%)

Green (69%)

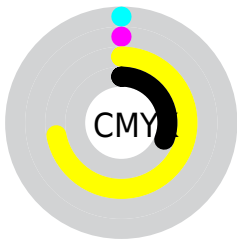
Blue (19%)



Red (19%)

Yellow (69%)

Blue (19%)

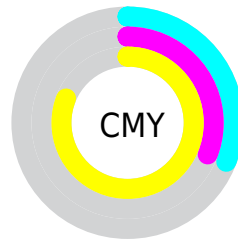


Cyan (0%)

Magenta (0%)

Yellow (72%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B031 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 B0B031 by changing the saturation by 10% instead.

 B0B031

 B0B031

FFFFFF

 94950E

 EAE768

 787C00

 FFFF83

 5D6300

 FFFF9F

 424B00

 FFFFBB

 283500

 FFFFD8

 0F2000

 FFFFF5

 000000

 B0B031

 B0B031

 B0B01F

 B0B043

 B0B00E

 B0B054

 B0B000

 B0B066

 B0B077

 B0B089

 B0B09B

 B0B0AC

 B0B0BE

 B0B0CF

Harmonies

Analogous

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



E39D37



B0B031



70BD53

Triad

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



B0B031



00C3F9



FF7BCC

Complementary

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



B0B031



3131B0

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.



D090FE



B0B031



00BAFF

Square

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



B0B031



00C6C4



70A8FF



FF7792

Rectangle

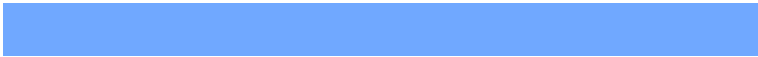
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0B031



25C376



70A8FF



F681DE

Sweetspot

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



B0B031



E6E6B3



B03131



737355



F2F2F2



737373

Same Dimension

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



B0B031



E6E61E



71B031



595950



999900



1A1A00

Inverse Universe

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



3131B0



1E1EE6



7131B0



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B0B031 looks on a white background.

Color Contrast Check

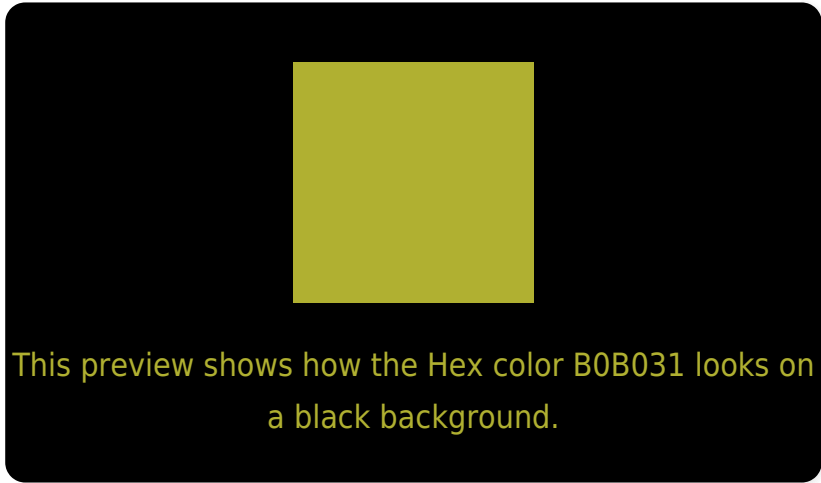
Large Text (above 18pt) WCAG AA × Fail

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 B0B031 Background



This preview shows how black text looks on a background with the Hex color B0B031.

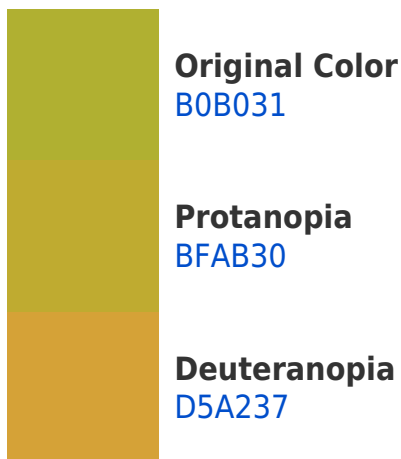


This preview shows how white text looks on a background with the Hex color B0B031.

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



Original Color
B0B031

Protanomaly
BAAD30

Deuteranomaly
C8A735

Tritanomaly
B7A882

Monochromacy



Original Color
B0B031

Achromatopsia
A2A2A2

Achromatomaly
A7A779

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B031 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 #B0B031 looks like.

```
.text, #text, p{  
    color:#B0B031  
}
```

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 #B0B031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B031
}
```

Border

The CSS property to change the border of an element to Hex B0B031 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
#B0B031 }
```

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

```
.border{ border-color:#B0B031 }
```

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

Here you see how a box with a 4 pixel #B0B031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B031; -webkit-box-shadow:4px 4px  
4px 4px #B0B031; box-shadow:4px 4px 4px  
4px #B0B031 }
```

Background

The CSS property to change the background color of an element to Hex B0B031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B031 }
```

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

```
.background{ background-color:#B0B031 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor