

Converting Colors

Hex(B0B00E)

Have a look what the booklet for
Hex(B0B00E) contains.

Hex(B0B00E)	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(**B0B00E**)

Conversions

Conversions Part 1

Format	Color
Hex	B0B00E
RGB	176, 176, 14
RGB Percent	69%, 69%, 5%
CMY	0.3098, 0.3098, 0.9451
CMYK	0.00, 0.00, 0.92, 0.31
HSL	60°, 85%, 37%
HSV	60°, 92%, 69%
XYZ	33.5091, 40.3125, 6.4304
YIQ	157.5320, 52.0020, -50.3820

Conversions

Conversions Part 2

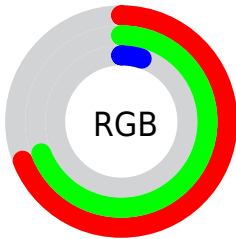
Format	Color
RYB	14, 176, 14
Decimal	11579406
CIELab	69.69, -16.14, 69.86
CIELCh	70, 71.699, 103.010
Yxy	40.3125, 0.4175, 0.5023
Android (android.graphics.Color)	4289769486 (0xFFB0B00E)
YUV	157.5320, -70.7613, 16.1964
Hunter-Lab	63.4921, -16.9046, 38.4396

Details

The Hex color **B0B00E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0E0EB0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EBE753**, and **777C00** is the 20% darker color. If you saturate the color by 10%, you get **B0B000**, and if you desaturate by 10%, it is **B0B020**.

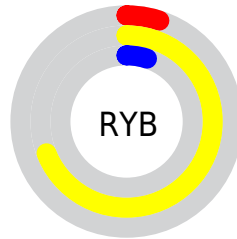
Distribution



Red (69%)

Green (69%)

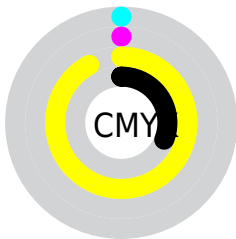
Blue (5%)



Red (5%)

Yellow (69%)

Blue (5%)

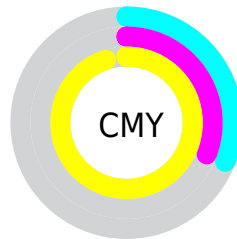


Cyan (0%)

Magenta (0%)

Yellow (92%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B00E 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 B0B00E by changing the saturation by 10% instead.

 B0B00E

 B0B00E

FFFFFF

 939500

 EBE753

 777C00

 FFFF6F

 5C6300

 FFFF8B

 404B00

 FFFFA7

 263500

 FFFFC4

 0C2000

 FFFFE1

 000000

 B0B00E

 B0B00E

 B0B000

 B0B020

 B0B031

 B0B043

 B0B054

 B0B066

 B0B078

 B0B089

 B0B09B

 B0B0AC

Harmonies

Analogous

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



E99A20



B0B00E



66BF43

Triad

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



B0B00E



00C6FF



FF71D2

Complementary

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



B0B00E



0E0E80

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.



D18CFF



B0B00E



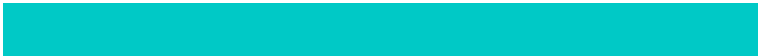
00BCFF

Square

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



B0B00E



00C9C6



56A8FF



FF6A91

Rectangle

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



B0B00E



00C46C



56A8FF



FD79E6

Sweetspot

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



B0B00E



E6E6A5



B00E0E



73734C



F2F2F2



737373

Same Dimension

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



B0B00E



E6E600



5FB00E



595950



999900



1A1A00

Inverse Universe

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



0E0EB0



0000E6



5F0EB0



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B0B00E looks on a white background.

Color Contrast Check

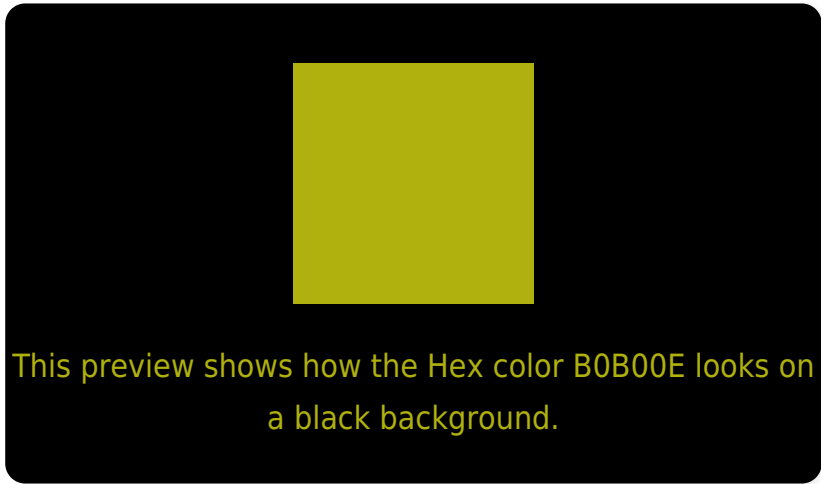
Large Text (above 18pt) WCAG AA × Fail

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 B0B00E Background



This preview shows how black text looks on a background with the Hex color B0B00E.

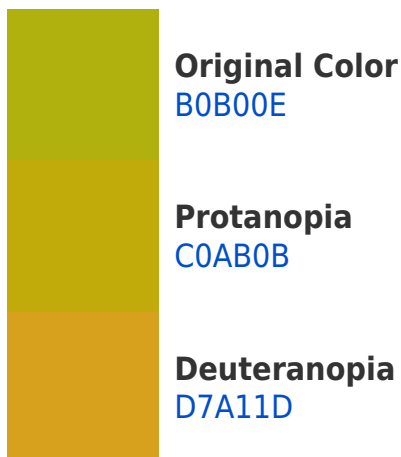


This preview shows how white text looks on a background with the Hex color B0B00E.

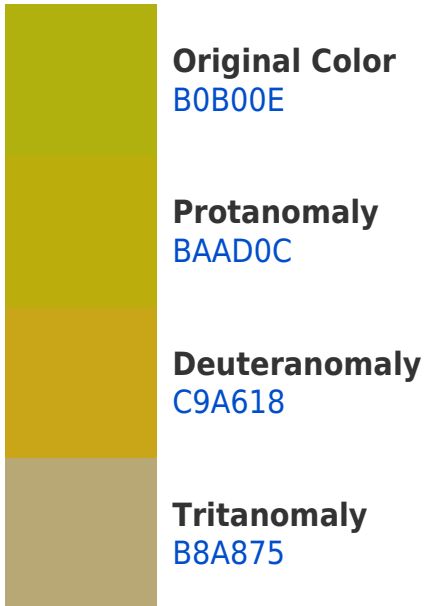
Color Blindness Simulation

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 B0B00E 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 #B0B00E looks like.

```
.text, #text, p{  
    color:#B0B00E  
}
```

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 #B0B00E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B00E
}
```

Border

The CSS property to change the border of an element to Hex B0B00E 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
#B0B00E }
```

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

```
.border{ border-color:#B0B00E }
```

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

Here you see how a box with a 4 pixel #B0B00E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B00E; -webkit-box-shadow:4px 4px  
4px 4px #B0B00E; box-shadow:4px 4px 4px  
4px #B0B00E }
```

Background

The CSS property to change the background color of an element to Hex B0B00E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B00E }
```

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

```
.background{ background-color:#B0B00E }
```

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