

Converting Colors

Hex(B0B711)

Have a look what the booklet for
Hex(B0B711) contains.

Hex(B0B711)	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(B0B711)

Conversions

Conversions Part 1

Format	Color
Hex	B0B711
RGB	176, 183, 17
RGB Percent	69%, 72%, 7%
CMY	0.3098, 0.2824, 0.9333
CMYK	0.04, 0.00, 0.91, 0.28
HSL	63°, 83%, 39%
HSV	63°, 91%, 72%
XYZ	34.9392, 43.1375, 7.0152
YIQ	161.9830, 49.1140, -53.1100

Conversions

Conversions Part 2

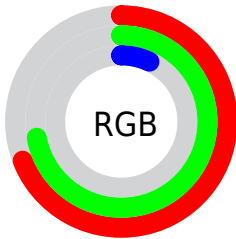
Format	Color
RYB	17, 183, 24
Decimal	11581201
CIELab	71.65, -19.62, 70.94
CIELCh	72, 73.602, 105.460
Yxy	43.1375, 0.4106, 0.5070
Android (android.graphics.Color)	4289771281 (0xFFB0B711)
YUV	161.9830, -71.4766, 12.2929
Hunter-Lab	65.6792, -19.9825, 39.6427

Details

The Hex color **B0B711** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1811B7**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EBEF55**, and **778200** is the 20% darker color. If you saturate the color by 10%, you get **AFB700**, and if you desaturate by 10%, it is **B1B723**.

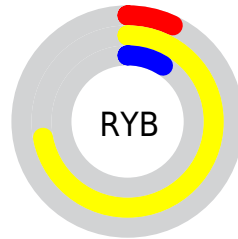
Distribution



Red (69%)

Green (72%)

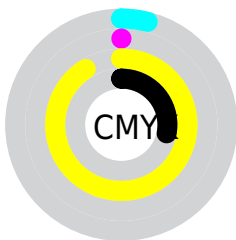
Blue (7%)



Red (7%)

Yellow (72%)

Blue (9%)

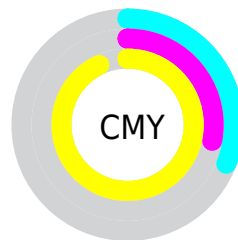


Cyan (4%)

Magenta (0%)

Yellow (91%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B711 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 B0B711 by changing the saturation by 10% instead.

 B0B711

 B0B711

FFFFFF

 939C00

 EBEF55

 778200

 FFFF71

 5C6900

 FFFF8E

 405100

 FFFFAA

 263A00

 FFFFC7

 0B2500

 FFFF E4

 000B00

 000000

 B0B711

 B0B711

 AFB700

 B1B723

 B2B736

 B2B748

 B3B75A

 B4B76D

 B5B77F

 B5B791

 B6B7A3

 B7B7B6

Harmonies

Analogous

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



ECA01C



B0B711



61C54A

Triad

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



B0B711



00CCFF



FF72D3

Complementary

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



B0B711



1811B7

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.



DE8EFF



B0B711



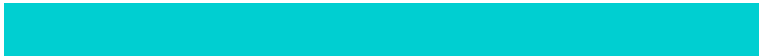
00C0FF

Square

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



B0B711



00CFD1



69ABFF



FF6E90

Rectangle

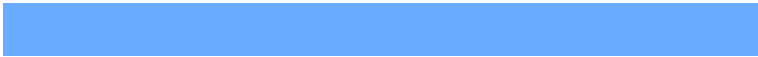
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0B711



00CB75



69ABFF



FF7AE9

Sweetspot

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



B0B711



EAEDAD



B71711



767851



F7F7F7



787878

Same Dimension

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



B0B711



E3ED00



5EB711



5B5C53



959C00



1B1C00

Inverse Universe

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



1811B7



0A00ED



6A11B7



53535C



07009C



01001C

Previews

White Background



This preview shows how the Hex color B0B711 looks on a white background.

Color Contrast Check

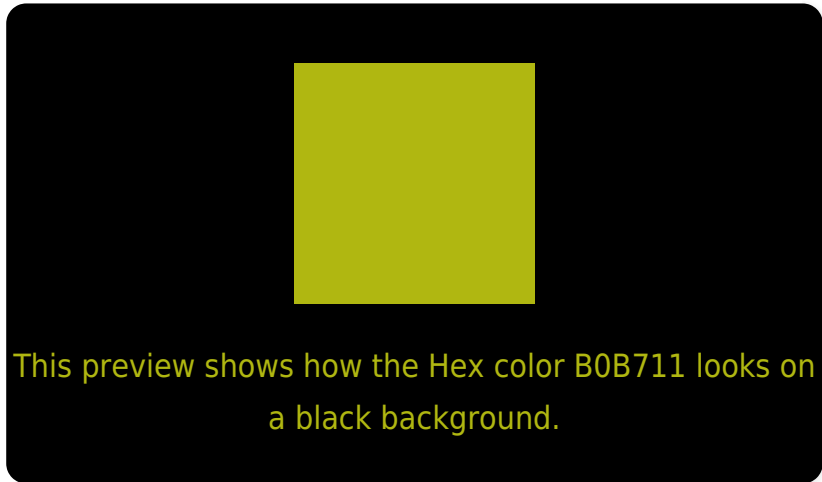
Large Text (above 18pt) WCAG AA × Fail

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 B0B711 Background



This preview shows how black text looks on a background with the Hex color B0B711.



This preview shows how white text looks on a background with the Hex color B0B711.

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
B0B711

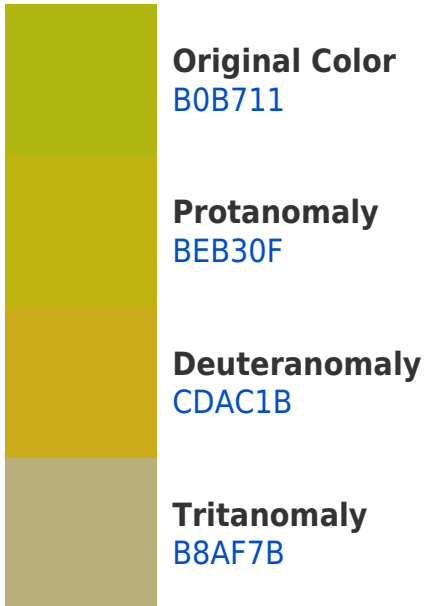
Protanopia
C6B00E

Deuteranopia
DDA621



Tritanopia
BDAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0B711 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 #B0B711 looks like.

```
.text, #text, p{  
    color:#B0B711  
}
```

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 #B0B711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B711
}
```

Border

The CSS property to change the border of an element to Hex B0B711 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
#B0B711 }
```

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

```
.border{ border-color:#B0B711 }
```

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

Here you see how a box with a 4 pixel #B0B711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B711; -webkit-box-shadow:4px 4px  
4px 4px #B0B711; box-shadow:4px 4px 4px  
4px #B0B711 }
```

Background

The CSS property to change the background color of an element to Hex B0B711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B711 }
```

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

```
.background{ background-color:#B0B711 }
```

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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