

Converting Colors

Hex(B0B00A)

Have a look what the booklet for
Hex(B0B00A) contains.

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Color

Hex(B0B00A)

Conversions

Conversions Part 1

Format	Color
Hex	B0B00A
RGB	176, 176, 10
RGB Percent	69%, 69%, 4%
CMY	0.3098, 0.3098, 0.9608
CMYK	0.00, 0.00, 0.94, 0.31
HSL	60°, 89%, 36%
HSV	60°, 94%, 69%
XYZ	33.4846, 40.3027, 6.3015
YIQ	157.0760, 53.2860, -51.6260

Conversions

Conversions Part 2

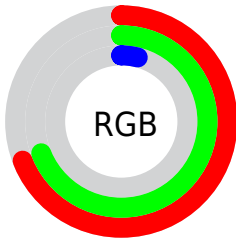
Format	Color
RYB	10, 176, 10
Decimal	11579402
CIELab	69.68, -16.20, 70.37
CIELCh	70, 72.210, 102.962
Yxy	40.3027, 0.4181, 0.5032
Android (android.graphics.Color)	4289769482 (0xFFB0B00A)
YUV	157.0760, -72.5085, 16.5963
Hunter-Lab	63.4844, -16.9485, 38.5539

Details

The Hex color **B0B00A** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **0A0AB0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **EBE751**, 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 **B0B01C**.

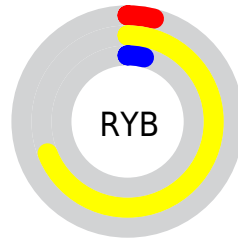
Distribution



Red (69%)

Green (69%)

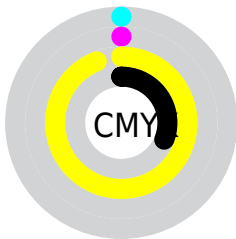
Blue (4%)



Red (4%)

Yellow (69%)

Blue (4%)

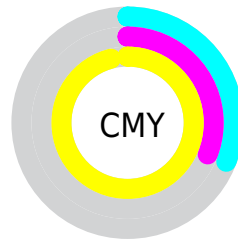


Cyan (0%)

Magenta (0%)

Yellow (94%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0B00A 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 B0B00A by changing the saturation by 10% instead.

 B0B00A

 B0B00A

FFFFFF

 939500

 EBE751

 777C00

 FFFF6E

 5C6300

 FFFF8A

 404B00

 FFFFA6

 263500

 FFFFC3

 0C2000

 FFFFEO

 000000

 FFFFFD

 B0B00A

 B0B00A

 B0B000

 B0B01C

 B0B02D

 B0B03F

 B0B050

 B0B062

 B0B074

 B0B085

 B0B097

 B0B0A8

Harmonies

Analogous

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



E9991E



B0B00A



65BF42

Triad

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



B0B00A



00C6FF



FF70D2

Complementary

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



B0B00A



0A0AB0

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



B0B00A



00BCFF

Square

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



B0B00A



00C9C6



54A8FF



FF6991

Rectangle

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



B0B00A



00C56B



54A8FF



FE78E7

Sweetspot

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



B0B00A



E6E6A5



B00A0A



73734C



F2F2F2



737373

Same Dimension

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



B0B00A



E6E600



5DB00A



595950



999900



1A1A00

Inverse Universe

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



0A0AB0



0000E6



5D0AB0



505059



000099



00001A

Previews

White Background



This preview shows how the Hex color B0B00A looks on a white background.

Color Contrast Check

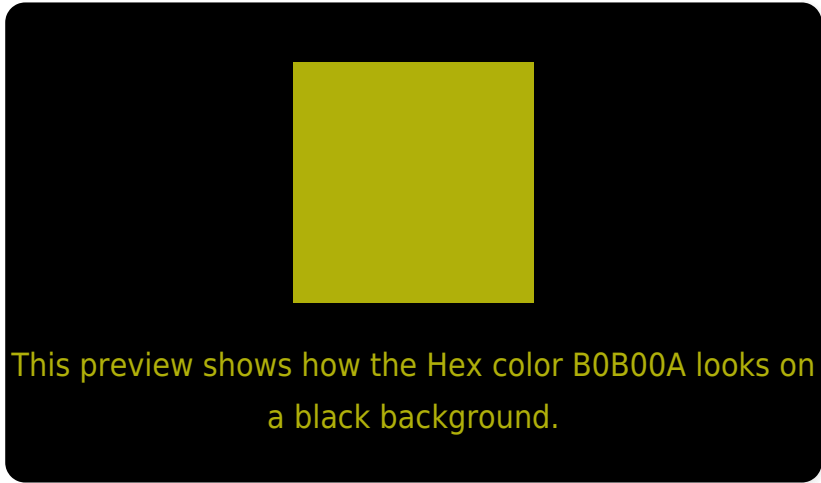
Large Text (above 18pt) WCAG AA × Fail

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 B0B00A Background



This preview shows how black text looks on a background with the Hex color B0B00A.



This preview shows how white text looks on a background with the Hex color B0B00A.

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
B0B00A

Protanopia
C0AB05

Deuteranopia
D7A11C



Tritanopia
BCA4B0

Trichromacy



Original Color
B0B00A

Protanomaly
BAAD07

Deuteranomaly
C9A615

Tritanomaly
B8A874

Monochromacy



Original Color
B0B00A

Achromatopsia
9D9D9D

Achromatomaly
A4A468

CSS Examples

Text

The CSS property to change the color of the text to Hex B0B00A 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 #B0B00A looks like.

```
.text, #text, p{  
    color:#B0B00A  
}
```

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 #B0B00A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0B00A
}
```

Border

The CSS property to change the border of an element to Hex B0B00A 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
#B0B00A }
```

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

```
.border{ border-color:#B0B00A }
```

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

Here you see how a box with a 4 pixel #B0B00A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0B00A; -webkit-box-shadow:4px 4px  
4px 4px #B0B00A; box-shadow:4px 4px 4px  
4px #B0B00A }
```

Background

The CSS property to change the background color of an element to Hex B0B00A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0B00A }
```

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

```
.background{ background-color:#B0B00A }
```

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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