

Converting Colors

Hex(0BC10B)

Have a look what the booklet for
Hex(0BC10B) contains.

Hex(0BC10B)	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(0BC10B)

Conversions

Conversions Part 1

Format	Color
Hex	0BC10B
RGB	11, 193, 11
RGB Percent	4%, 76%, 4%
CMY	0.9569, 0.2431, 0.9569
CMYK	0.94, 0.00, 0.94, 0.24
HSL	120°, 89%, 40%
HSV	120°, 94%, 76%
XYZ	19.2684, 38.2352, 6.6812
YIQ	117.8340, -50.0500, -95.1860

Conversions

Conversions Part 2

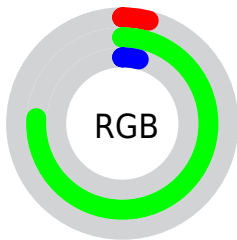
Format	Color
RYB	11, 193, 193
Decimal	770315
CIELab	68.19, -69.18, 66.28
CIElCh	68, 95.804, 136.228
Yxy	38.2352, 0.3002, 0.5957
Android (android.graphics.Color)	4278960395 (0xFF0BC10B)
YUV	117.8340, -52.6692, -93.6934
Hunter-Lab	61.8346, -52.5880, 36.8780

Details

The Hex color **0BC10B** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C10BC1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **68FB52**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **00C100**, and if you desaturate by 10%, it is **1EC11E**.

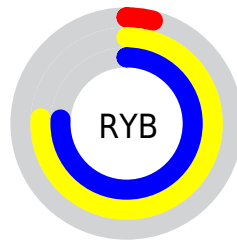
Distribution



Red (4%)

Green (76%)

Blue (4%)



Red (4%)

Yellow (76%)

Blue (76%)

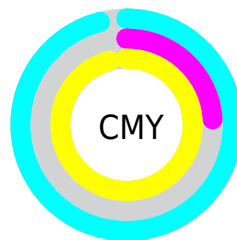


Cyan (94%)

Magenta (0%)

Yellow (94%)

Black (24%)



Cyan (96%)

Magenta (24%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BC10B 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 0BC10B by changing the saturation by 10% instead.

 0BC10B

 0BC10B

FFFFFF

 00A500

 68FB52

 008A00

 88FF6F

 006F00

 A8FF8B

 005500

 C7FFA7

 003C00

 E6FFC4

 002300

 FFFFE1

 000000

 0BC10B

 0BC10B

 00C100

 1EC11E

 32C132

 45C145

 58C158

 6BC16B

 7FC17F

 92C192

 A5C1A5

 B9C1B9

Harmonies

Analogous

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



9DB100



0BC10B



00C97A

Triad

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



0BC10B



00BCFF



FF337C

Complementary

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



0BC10B



C10BC1

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.



FF3CD2



0BC10B



00A1FF

Square

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



0BC10B



00C8FF



E275FF



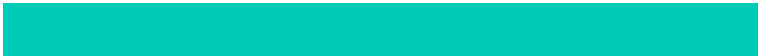
FF6825

Rectangle

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



0BC10B



00CBB7



E275FF



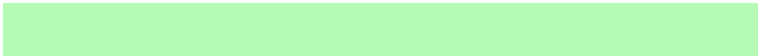
FF2998

Sweetspot

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



0BC10B



B4FAB4



C1C10B



527D52



FCFCFC



7D7D7D

Same Dimension

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



0BC10B



00FA00



0BC166



576157



00A100



002100

Inverse Universe

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



C10BC1



FA00FA



C10B66



615761



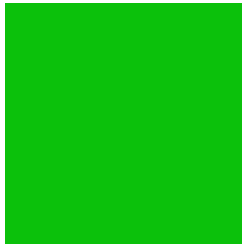
A100A1



210021

Previews

White Background



This preview shows how the Hex color 0BC10B looks on a white background.

Color Contrast Check

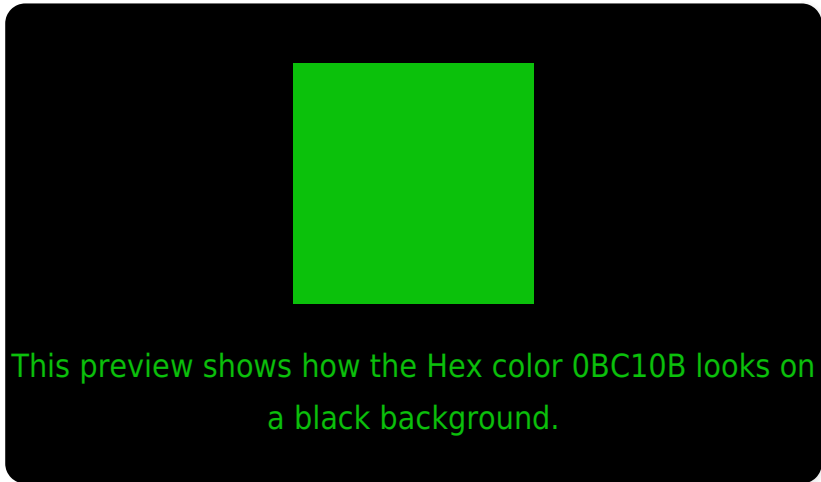
Large Text (above 18pt) WCAG AA × Fail

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 0BC10B Background



This preview shows how black text looks on a background with the Hex color 0BC10B.



This preview shows how white text looks on a background with the Hex color 0BC10B.

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](#).

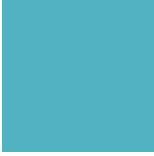
Dichromacy



Original Color
0BC10B

Protanopia
BAA500

Deuteranopia
CF9C2B



Tritanopia
51B3C2

Trichromacy



Original Color
0BC10B



Protanomaly
7AAF04



Deuteranomaly
88A91F



Tritanomaly
38B87F

Monochromacy



Original Color
0BC10B



Achromatopsia
767676



Achromatomaly
4F914F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BC10B 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 #0BC10B looks like.

```
.text, #text, p{  
    color:#0BC10B  
}
```

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 #0BC10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BC10B
}
```

Border

The CSS property to change the border of an element to Hex 0BC10B 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
#0BC10B }
```

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

```
.border{ border-color:#0BC10B }
```

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

Here you see how a box with a 4 pixel #0BC10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BC10B; -webkit-box-shadow:4px 4px  
4px 4px #0BC10B; box-shadow:4px 4px 4px  
4px #0BC10B }
```

Background

The CSS property to change the background color of an element to Hex 0BC10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BC10B }
```

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

```
.background{ background-color:#0BC10B }
```

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