

# Converting Colors

Hex(0B8C00)

Have a look what the booklet for  
Hex(0B8C00) contains.

<b>Hex(0B8C00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0B8C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B8C00
RGB	11, 140, 0
RGB Percent	4%, 55%, 0%
CMY	0.9569, 0.4510, 1.0000
CMYK	0.92, 0.00, 1.00, 0.45
HSL	115°, 100%, 27%
HSV	115°, 100%, 55%
XYZ	9.5161, 18.8273, 3.1325
YIQ	85.4690, -31.9440, -70.8880

# Conversions

## Conversions Part 2

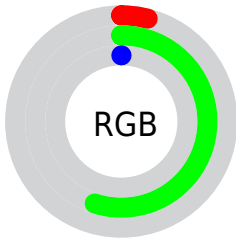
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 140, 129
Decimal	756736
CIE <sub>Lab</sub>	50.48, -54.40, 53.35
CIE <sub>LCh</sub>	50, 76.191, 135.560
Yxy	18.8273, 0.3023, 0.5982
Android (android.graphics.Color)	4278946816 (0xFF0B8C00)
YUV	85.4690, -42.1362, -65.3093
Hunter-Lab	43.3905, -36.7859, 26.0930

# Details

The Hex color **0B8C00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **81008C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **58C343**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **0B8C00**, and if you desaturate by 10%, it is **188C0E**.

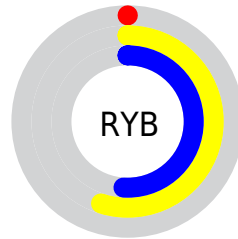
# Distribution



Red (4%)

Green (55%)

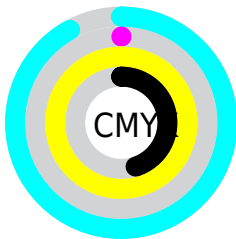
Blue (0%)



Red (0%)

Yellow (55%)

Blue (51%)

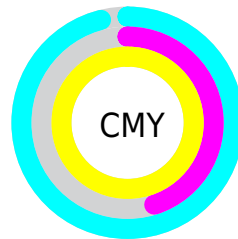


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (96%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8C00 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 0B8C00 by changing the saturation by 10% instead.



 0B8C00

 0B8C00

FFFFFF

 007200

 58C343

 005800

 76DF5D

 003F00

 93FC78

 002900

 B0FF93

 000300

 CEFFAF

 000000

 ECFFCB

 FFFFE8

 0B8C00

 188C0E

 258C1C

 328C2A

 3F8C38

 4B8C46

 588C54

 658C62

 728C70

 7F8C7E

# Harmonies

## Analogous

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



738000



0B8C00



009255

# Triad

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



0B8C00



0089F7



E8205A

# Complementary

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



0B8C00



81008C

# 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.



DA299A



0B8C00



0075F7

# Square

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



0B8C00



0092D4



A354D4



D54819

# Rectangle

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



0B8C00



009483



A354D4



E7196F



# Sweetspot

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



0B8C00



83B57F



8C8000



3D5C3B



DBDBDB



5C5C5C



# Same Dimension

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



0B8C00



0EB500



008C3A



3F453E



0A8500



000500



# Inverse Universe

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



81008C



A700B5



8C0052



443E45



7A0085

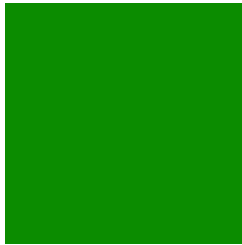


050005



# Previews

## White Background



This preview shows how the Hex color 0B8C00 looks on a white background.

## Color Contrast Check

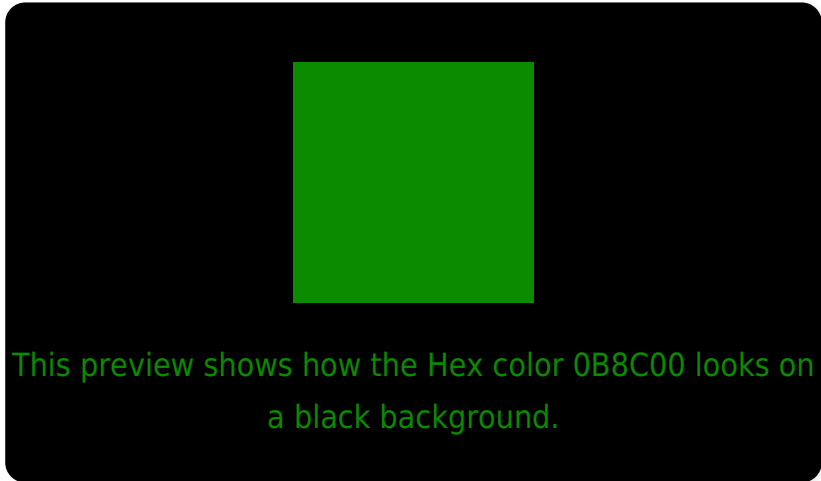
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B8C00 Background



This preview shows how black text looks on a background with the Hex color 0B8C00.



This preview shows how white text looks on a background with the Hex color 0B8C00.

# 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**  
0B8C00

**Protanopia**  
877800

**Deuteranopia**  
96711E



**Tritanopia**  
3B828D

# Trichromacy



**Original Color**  
0B8C00



**Protanomaly**  
5A7F00



**Deuteranomaly**  
637B13



**Tritanomaly**  
2A865A

# Monochromacy



**Original Color**  
0B8C00



**Achromatopsia**  
555555



**Achromatomaly**  
3A6936

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8C00 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 #0B8C00 looks like.

```
.text, #text, p{  
    color:#0B8C00  
}
```

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 #0B8C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8C00
}
```

## Border

The CSS property to change the border of an element to Hex 0B8C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

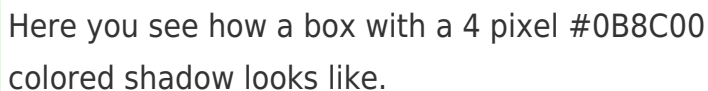
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0B8C00 }
```

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

```
.border{ border-color:#0B8C00 }
```

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



Here you see how a box with a 4 pixel #0B8C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8C00; -webkit-box-shadow:4px 4px  
4px 4px #0B8C00; box-shadow:4px 4px 4px  
4px #0B8C00 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8C00 }
```

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

```
.background{ background-color:#0B8C00 }
```

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