

# Converting Colors

Hex(0C8C3B)

Have a look what the booklet for  
Hex(0C8C3B) contains.

<b>Hex(0C8C3B)</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(0C8C3B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C8C3B
RGB	12, 140, 59
RGB Percent	5%, 55%, 23%
CMY	0.9529, 0.4510, 0.7686
CMYK	0.91, 0.00, 0.58, 0.45
HSL	142°, 84%, 30%
HSV	142°, 91%, 55%
XYZ	10.3191, 19.1501, 7.2901
YIQ	92.4940, -50.2870, -52.3270

# Conversions

## Conversions Part 2

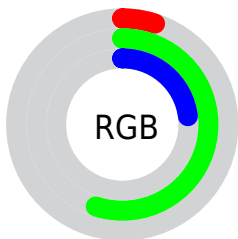
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 106, 140
Decimal	822331
CIELab	50.86, -49.67, 34.07
CIELCh	51, 60.233, 145.556
Yxy	19.1501, 0.2807, 0.5210
Android (android.graphics.Color)	4279012411 (0xFF0C8C3B)
YUV	92.4940, -16.5125, -70.5932
Hunter-Lab	43.7608, -34.4898, 20.7554

# Details

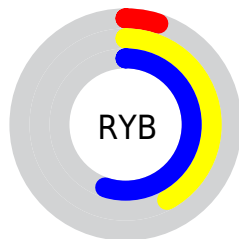
The Hex color **0C8C3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C0C5D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **56C36D**, and **005809** is the 20% darker color. If you saturate the color by 10%, you get **008C33**, and if you desaturate by 10%, it is **1A8C44**.

# Distribution



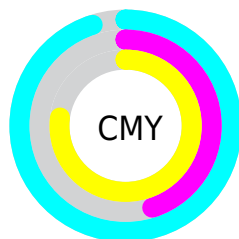
- Red (5%)
- Green (55%)
- Blue (23%)



- Red (5%)
- Yellow (42%)
- Blue (55%)



- Cyan (91%)
- Magenta (0%)
- Yellow (58%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C8C3B 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 0C8C3B by changing the saturation by 10% instead.





0C8C3B



0C8C3B

FFFFFF



007223



56C36D



005809



73DF86



004000



90FCA1



002A00



ADFFBD



000600



CAFFD9



000000



E7FFF5



0C8C3B



0C8C3B



008C33



1A8C44

 288C4D

 368C56

 448C5E

 528C67

 608C70

 6E8C79

 7C8C82

 8A8C8B

# Harmonies

## Analogous

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



678304



0C8C3B



009070

# Triad

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



0C8C3B



0082E0



D24950

# Complementary

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



0C8C3B



8C0C5D

# 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.



D04483



0C8C3B



686FD7

# Square

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



0C8C3B



008CCD



AF56B4



BD5F22

# Rectangle

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



0C8C3B



009193



AF56B4



D54561



# Sweetspot

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



0C8C3B



84B596



5D8C0C



3E5C49



DBDBDB



5C5C5C



# Same Dimension

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



0C8C3B



00B542



0C8C7B



3E4540



008531



000502



# Inverse Universe

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



8C0C5D



B50073



8C0C1D



453E42



850054



050003



# Previews

## White Background



This preview shows how the Hex color 0C8C3B looks on a white background.

## Color Contrast Check

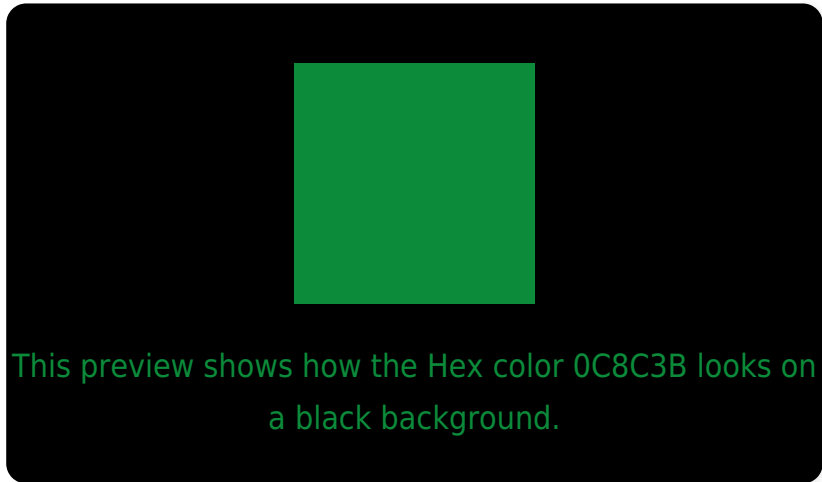
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C8C3B Background



This preview shows how black text looks on a background with the Hex color 0C8C3B.



This preview shows how white text looks on a background with the Hex color 0C8C3B.

# 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





**Tritanopia**  
38838E

# Trichromacy



**Original Color**  
0C8C3B



**Protanomaly**  
5A8037



**Deuteranomaly**  
627C3F



**Tritanomaly**  
288670

# Monochromacy



**Original Color**  
0C8C3B



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
3F6D50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C8C3B 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 #0C8C3B looks like.

```
.text, #text, p{  
    color:#0C8C3B  
}
```

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 #0C8C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8C3B
}
```

## Border

The CSS property to change the border of an element to Hex 0C8C3B 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".

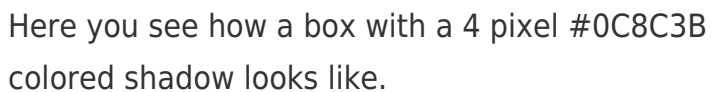
```
.border, #border, table{ border:4px solid
#0C8C3B }
```

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

```
.border{ border-color:#0C8C3B }
```

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

Here you see how a box with a 4 pixel #0C8C3B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8C3B; -webkit-box-shadow:4px 4px  
4px 4px #0C8C3B; box-shadow:4px 4px 4px  
4px #0C8C3B }
```

# Background

The CSS property to change the background color of an element to Hex 0C8C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8C3B }
```

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

```
.background{ background-color:#0C8C3B }
```

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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