

# Converting Colors

Hex(0C8B5E)

Have a look what the booklet for  
Hex(0C8B5E) contains.

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# Color

Hex(0C8B5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	0C8B5E
RGB	12, 139, 94
RGB Percent	5%, 55%, 37%
CMY	0.9529, 0.4549, 0.6314
CMYK	0.91, 0.00, 0.32, 0.45
HSL	159°, 84%, 30%
HSV	159°, 91%, 55%
XYZ	11.4046, 19.3516, 13.7238
YIQ	95.8970, -61.2470, -40.9190

# Conversions

## Conversions Part 2

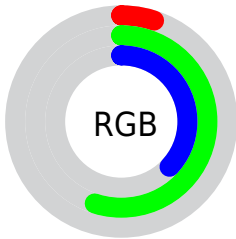
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 89, 139
Decimal	822110
CIE <sub>Lab</sub>	51.10, -42.59, 15.41
CIE <sub>LCh</sub>	51, 45.294, 160.115
Yxy	19.3516, 0.2564, 0.4351
Android (android.graphics.Color)	4279012190 (0xFF0C8B5E)
YUV	95.8970, -0.9352, -73.5777
Hunter-Lab	43.9904, -30.7066, 12.2964

# Details

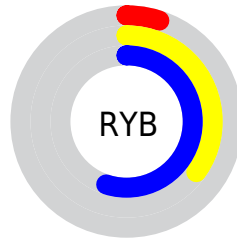
The Hex color **0C8B5E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B0C39**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **55C191**, and **005830** is the 20% darker color. If you saturate the color by 10%, you get **008B5A**, and if you desaturate by 10%, it is **1A8B63**.

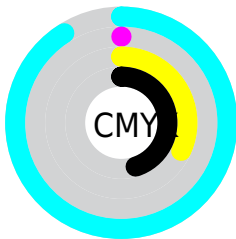
# Distribution



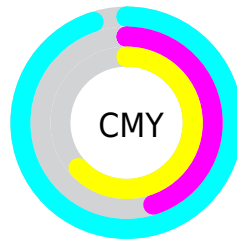
- Red (5%)
- Green (55%)
- Blue (37%)



- Red (5%)
- Yellow (35%)
- Blue (55%)



- Cyan (91%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C8B5E 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 0C8B5E by changing the saturation by 10% instead.



 0C8B5E

 0C8B5E

FFFFFF

 007146

 55C191

 005830

 72DEAB

 003F1A

 8FFBC7

 002A01

 ACFFE3

 000700

 C9FFFF

 000000

 E6FFFF

 0C8B5E

 0C8B5E

 008B5A

 1A8B63

 288B68

 368B6D

 448B72

 528B77

 5F8B7C

 6D8B80

 7B8B85

 898B8A

# Harmonies

## Analogous

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



59863C



0C8B5E



008D86

# Triad

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



0C8B5E



4B7AC6



BB604A

# Complementary

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



0C8B5E



8B0C39

# 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.



C1576E



0C8B5E



8D6AB5

# Square

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



0C8B5E



0085C2



B35C95



A46E2F

# Rectangle

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



0C8B5E



008C9F



B35C95



BF5C55



# Sweetspot

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



0C8B5E



84B5A4



3B8B0C



3E5C51



DBDBDB



5C5C5C



# Same Dimension

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



0C8B5E



00B575



0C7A8B



3E4542



008556



000503



# Inverse Universe

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



8B0C39



B50040



8B1D0C



453E40



85002F



050002



# Previews

## White Background



This preview shows how the Hex color 0C8B5E looks on a white background.

## Color Contrast Check

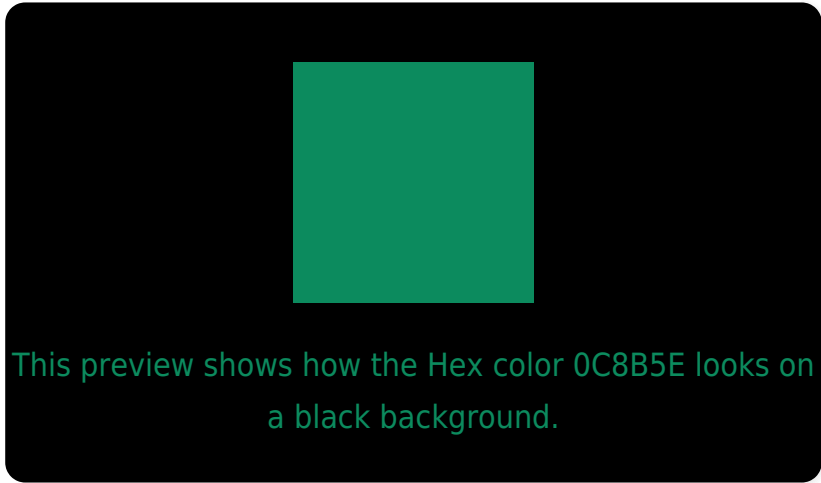
Large Text (above 18pt) WCAG AA ✓ Pass

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

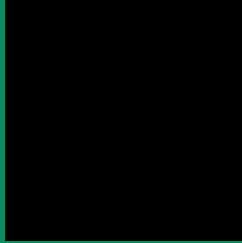
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0C8B5E Background



This preview shows how black text looks on a background with the Hex color 0C8B5E.

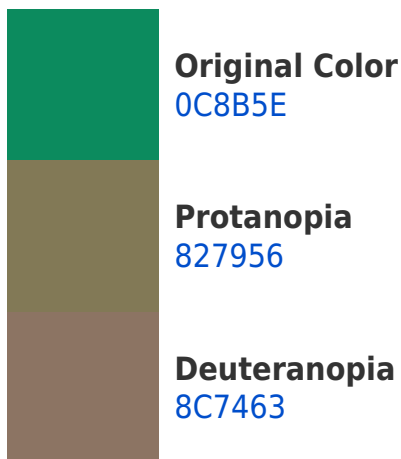


This preview shows how white text looks on a background with the Hex color 0C8B5E.

# 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**  
318590

# Trichromacy



**Original Color**  
0C8B5E



**Protanomaly**  
578059



**Deuteranomaly**  
5D7C61



**Tritanomaly**  
24877E

# Monochromacy



**Original Color**  
0C8B5E



**Achromatopsia**  
606060



**Achromatomaly**  
41705F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C8B5E 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 #0C8B5E looks like.

```
.text, #text, p{  
    color:#0C8B5E  
}
```

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 #0C8B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C8B5E
}
```

## Border

The CSS property to change the border of an element to Hex 0C8B5E 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
#0C8B5E }
```

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

```
.border{ border-color:#0C8B5E }
```

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

Here you see how a box with a 4 pixel #0C8B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C8B5E; -webkit-box-shadow:4px 4px  
4px 4px #0C8B5E; box-shadow:4px 4px 4px  
4px #0C8B5E }
```

# Background

The CSS property to change the background color of an element to Hex 0C8B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C8B5E }
```

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

```
.background{ background-color:#0C8B5E }
```

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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