

# Converting Colors

Hex(0B8A59)

Have a look what the booklet for  
Hex(0B8A59) contains.

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# Color

**Hex(0B8A59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B8A59
RGB	11, 138, 89
RGB Percent	4%, 54%, 35%
CMY	0.9569, 0.4588, 0.6510
CMYK	0.92, 0.00, 0.36, 0.46
HSL	157°, 85%, 29%
HSV	157°, 92%, 54%
XYZ	11.0297, 18.9694, 12.5313
YIQ	94.4410, -59.9630, -42.1630

# Conversions

## Conversions Part 2

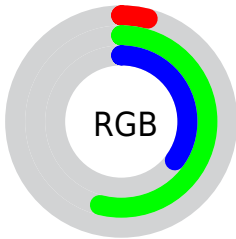
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 90, 138
Decimal	756313
CIELab	50.65, -43.41, 17.63
CIELCh	51, 46.854, 157.894
Yxy	18.9694, 0.2593, 0.4460
Android (android.graphics.Color)	4278946393 (0xFF0B8A59)
YUV	94.4410, -2.6824, -73.1778
Hunter-Lab	43.5538, -31.0155, 13.4288

# Details

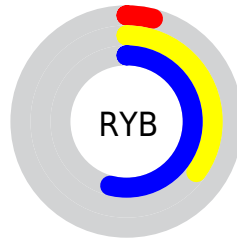
The Hex color **0B8A59** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8A0B3C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **55C08B**, and **00572B** is the 20% darker color. If you saturate the color by 10%, you get **008A55**, and if you desaturate by 10%, it is **198A5E**.

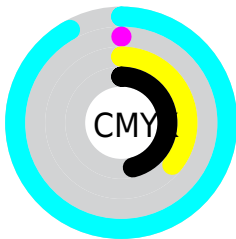
# Distribution



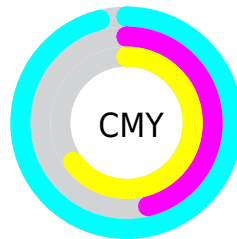
- Red (4%)
- Green (54%)
- Blue (35%)



- Red (4%)
- Yellow (35%)
- Blue (54%)



- Cyan (92%)
- Magenta (0%)
- Yellow (36%)
- Black (46%)



- Cyan (96%)
- Magenta (46%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8A59 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 0B8A59 by changing the saturation by 10% instead.





0B8A59



0B8A59

FFFFFF



007041



55C08B



00572B



72DDA6



003E16



8EFAC1



002900



ABFFDD



000400



C8FFFA



000000



E5FFFF



0B8A59



0B8A59



008A55



198A5E

 278A64

 348A69

 428A6E

 508A74

 5E8A79

 6C8A7E

 798A84

 878A89

# Harmonies

## Analogous

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



5A8436



0B8A59



008C82

# Triad

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



0B8A59



3E79C8



BC5D4A

# Complementary

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



0B8A59



8A0B3C

# 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.



C25470



0B8A59



896AB8

# Square

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



0B8A59



0085C2



B15A97



A66C2D

# Rectangle

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



0B8A59



008C9D



B15A97



C05856



# Sweetspot

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



0B8A59



81B39F



3E8A0B



3B594E



D9D9D9



595959



# Same Dimension

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



0B8A59



00B36E



0B7D8A



3E4542



008551



000503



# Inverse Universe

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



8A0B3C



B30045



8A180B



453E41



850033



050002



# Previews

## White Background



This preview shows how the Hex color 0B8A59 looks on a white background.

## Color Contrast Check

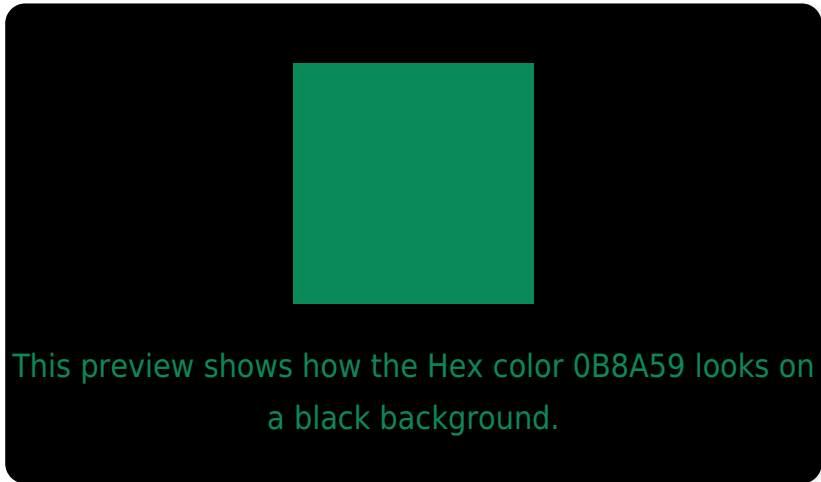
Large Text (above 18pt) WCAG AA ✓ Pass

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 0B8A59 Background



This preview shows how black text looks on a background with the Hex color 0B8A59.

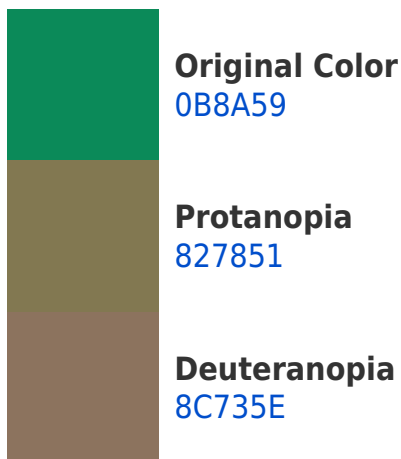


This preview shows how white text looks on a background with the Hex color 0B8A59.

# 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**  
31838E

# Trichromacy



**Original Color**  
0B8A59



**Protanomaly**  
577F54



**Deuteranomaly**  
5D7B5C



**Tritanomaly**  
23867B

# Monochromacy



**Original Color**  
0B8A59



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
406E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8A59 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 #0B8A59 looks like.

```
.text, #text, p{  
    color:#0B8A59  
}
```

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 #0B8A59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8A59
}
```

## Border

The CSS property to change the border of an element to Hex 0B8A59 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
#0B8A59 }
```

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

```
.border{ border-color:#0B8A59 }
```

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

Here you see how a box with a 4 pixel #0B8A59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8A59; -webkit-box-shadow:4px 4px  
4px 4px #0B8A59; box-shadow:4px 4px 4px  
4px #0B8A59 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8A59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8A59 }
```

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

```
.background{ background-color:#0B8A59 }
```

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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