

# Converting Colors

Hex(0B8C66)

Have a look what the booklet for  
Hex(0B8C66) contains.

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# Color

**Hex(0B8C66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B8C66
RGB	11, 140, 102
RGB Percent	4%, 55%, 40%
CMY	0.9569, 0.4510, 0.6000
CMYK	0.92, 0.00, 0.27, 0.45
HSL	162°, 85%, 30%
HSV	162°, 92%, 55%
XYZ	11.9144, 19.7866, 15.7616
YIQ	97.0970, -64.6860, -39.1660

# Conversions

## Conversions Part 2

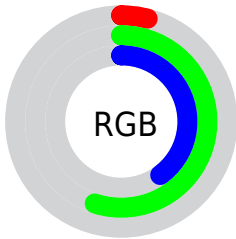
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 87, 140
Decimal	756838
CIELab	51.60, -41.12, 11.53
CIELCh	52, 42.709, 164.338
Yxy	19.7866, 0.2510, 0.4169
Android (android.graphics.Color)	4278946918 (0xFF0B8C66)
YUV	97.0970, 2.4172, -75.5071
Hunter-Lab	44.4822, -30.0333, 10.1289

# Details

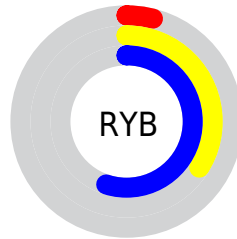
The Hex color **0B8C66** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8C0B31**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C299**, and **005937** is the 20% darker color. If you saturate the color by 10%, you get **008C63**, and if you desaturate by 10%, it is **198C6A**.

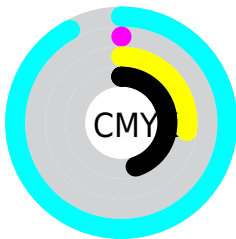
# Distribution



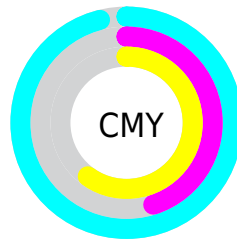
- Red (4%)
- Green (55%)
- Blue (40%)



- Red (4%)
- Yellow (34%)
- Blue (55%)



- Cyan (92%)
- Magenta (0%)
- Yellow (27%)
- Black (45%)



- Cyan (96%)
- Magenta (45%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8C66 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 0B8C66 by changing the saturation by 10% instead.



 0B8C66

 0B8C66

FFFFFF

 00724E

 56C299

 005937

 73DFB4

 004021

 8FFCCF

 002A0C

 ACFFEC

 000B00

 C9FFFF

 000000

 E7FFFF

 0B8C66

 0B8C66

 008C63

 198C6A

■ 278C6E

■ 358C72

■ 438C76

■ 518C7B

■ 5F8C7F

■ 6D8C83

■ 7B8C87

■ 898C8B

# Harmonies

## Analogous

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



568745



0B8C66



008D8C

# Triad

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



0B8C66



5C79C2



B76549

# Complementary

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



0B8C66



8C0B31

# 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.



BF5C6B



0B8C66



946AB0

# Square

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



0B8C66



0084C1



B45E90



A07233

# Rectangle

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



0B8C66



008CA3



B45E90



BC6154



# Sweetspot

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



0B8C66



82B5A6



328C0B



3D5C53



DBDBDB



5C5C5C



# Same Dimension

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



0B8C66



00B580



0B728C



3E4543



00855E



000504



# Inverse Universe

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



8C0B31



B50035



8C250B



453E40



850027



050002



# Previews

## White Background



This preview shows how the Hex color 0B8C66 looks on a white background.

## Color Contrast Check

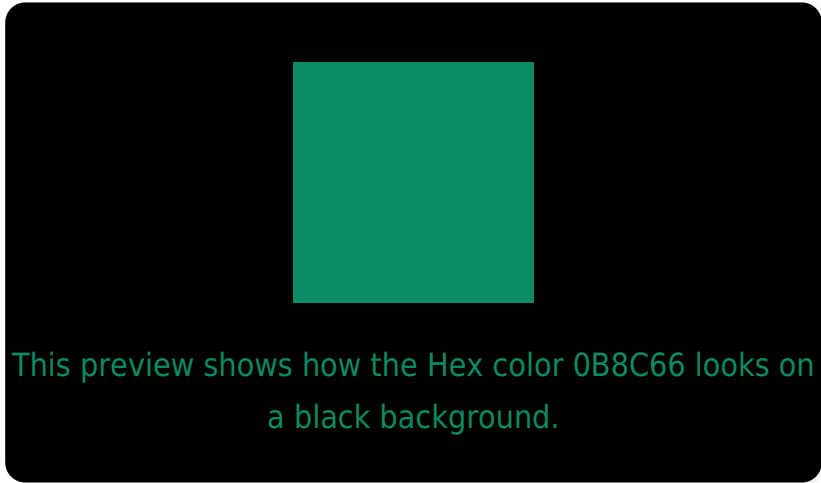
Large Text (above 18pt) WCAG AA ✓ Pass

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

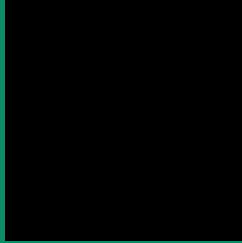
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0B8C66 Background



This preview shows how black text looks on a background with the Hex color 0B8C66.

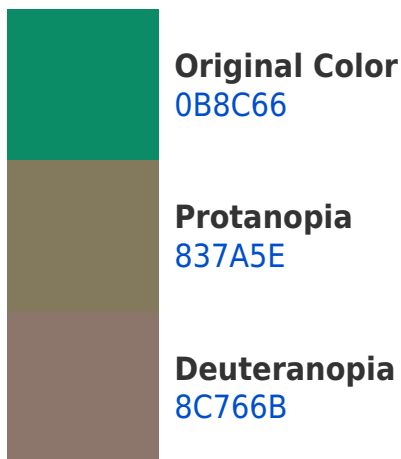


This preview shows how white text looks on a background with the Hex color 0B8C66.

# 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**  
2F8691

# Trichromacy



**Original Color**  
0B8C66



**Protanomaly**  
578161



**Deuteranomaly**  
5D7E69



**Tritanomaly**  
228881

# Monochromacy



**Original Color**  
0B8C66



**Achromatopsia**  
616161



**Achromatomaly**  
427163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8C66 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 #0B8C66 looks like.

```
.text, #text, p{  
    color:#0B8C66  
}
```

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 #0B8C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8C66
}
```

## Border

The CSS property to change the border of an element to Hex 0B8C66 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
#0B8C66 }
```

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

```
.border{ border-color:#0B8C66 }
```

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

Here you see how a box with a 4 pixel #0B8C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8C66; -webkit-box-shadow:4px 4px  
4px 4px #0B8C66; box-shadow:4px 4px 4px  
4px #0B8C66 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8C66 }
```

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

```
.background{ background-color:#0B8C66 }
```

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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