

# Converting Colors

Hex(0D8663)

Have a look what the booklet for  
Hex(0D8663) contains.

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**Color**

**Hex(0D8663)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D8663
RGB	13, 134, 99
RGB Percent	5%, 53%, 39%
CMY	0.9490, 0.4745, 0.6118
CMYK	0.90, 0.00, 0.26, 0.47
HSL	163°, 82%, 29%
HSV	163°, 90%, 53%
XYZ	10.9432, 18.0366, 14.7090
YIQ	93.8310, -60.8810, -36.5370

# Conversions

## Conversions Part 2

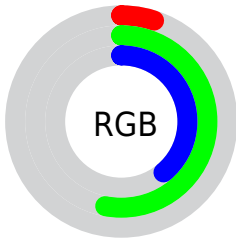
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 84, 134
Decimal	886371
CIELab	49.54, -39.26, 10.38
CIElCh	50, 40.609, 165.191
Yxy	18.0366, 0.2505, 0.4128
Android (android.graphics.Color)	4279076451 (0xFF0D8663)
YUV	93.8310, 2.5483, -70.8888
Hunter-Lab	42.4695, -28.3272, 9.1940

# Details

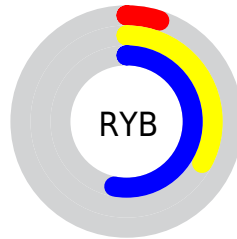
The Hex color **0D8663** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **860D30**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55BC96**, and **005334** is the 20% darker color. If you saturate the color by 10%, you get **00865F**, and if you desaturate by 10%, it is **1A8667**.

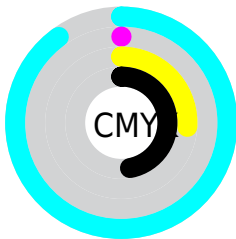
# Distribution



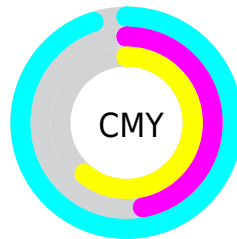
- Red (5%)
- Green (53%)
- Blue (39%)



- Red (5%)
- Yellow (33%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D8663 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 0D8663 by changing the saturation by 10% instead.



 0D8663

 0D8663

FFFFFF

 006C4B

 55BC96

 005334

 71D8B0

 003B1F

 8EF5CC

 002608

 AAFFE8

 000000

 C7FFF

 E5FFF

 0D8663

 0D8663

 00865F

 1A8667

 28866B

 35866F

 438673

 508676

 5D867A

 6B867E

 788682

 868686

# Harmonies

## Analogous

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



528243



0D8663



008787

# Triad

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



0D8663



5B73B8



AE6146

# Complementary

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



0D8663



860D30

# 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.



B65966



0D8663



8F66A7

# Square

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



0D8663



007EB8



AD5B88



986E32

# Rectangle

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



0D8663



00869D



AD5B88



B35D50



# Sweetspot

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



0D8663



7FADA0



31860D



3B574F



D6D6D6



575757



# Same Dimension

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



0D8663



00AD7B



0D6E86



3C4240



00825C



000302



# Inverse Universe

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



860D30



AD0032



86250D



423C3E



820026



030001



# Previews

## White Background



This preview shows how the Hex color 0D8663 looks on a white background.

## Color Contrast Check

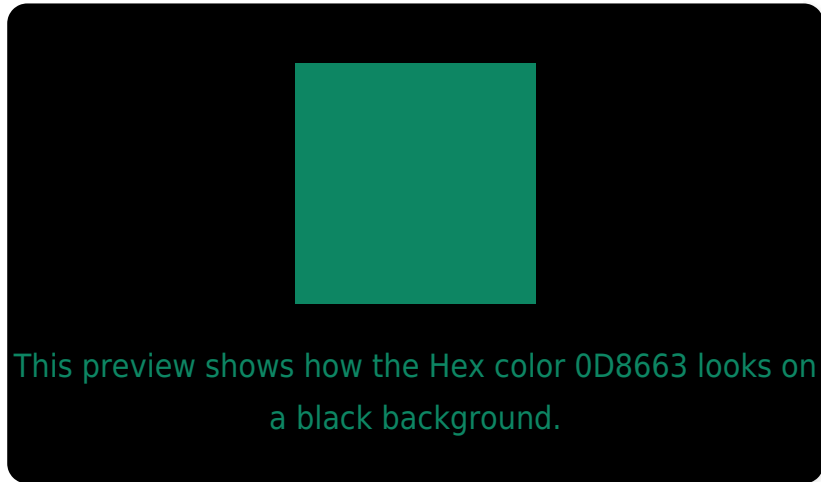
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

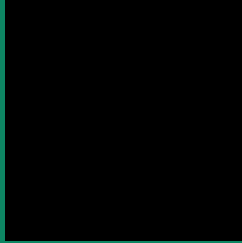
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D8663 Background



This preview shows how black text looks on a background with the Hex color 0D8663.

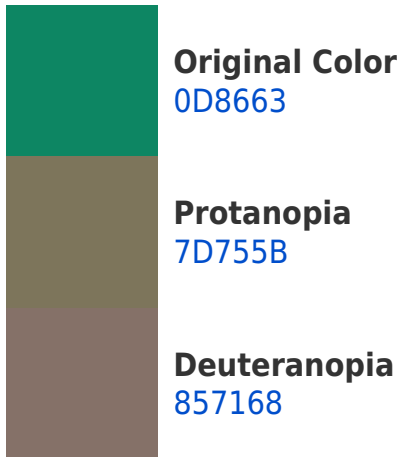


This preview shows how white text looks on a background with the Hex color 0D8663.

# 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**  
2D818B

# Trichromacy



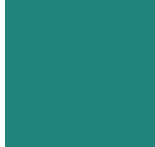
**Original Color**  
0D8663



**Protanomaly**  
547B5E



**Deuteranomaly**  
597966



**Tritanomaly**  
21837C

# Monochromacy



**Original Color**  
0D8663



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
416D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D8663 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 #0D8663 looks like.

```
.text, #text, p{  
    color:#0D8663  
}
```

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 #0D8663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8663
}
```

## Border

The CSS property to change the border of an element to Hex 0D8663 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
#0D8663 }
```

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

```
.border{ border-color:#0D8663 }
```

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

Here you see how a box with a 4 pixel #0D8663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8663; -webkit-box-shadow:4px 4px  
4px 4px #0D8663; box-shadow:4px 4px 4px  
4px #0D8663 }
```

# Background

The CSS property to change the background color of an element to Hex 0D8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8663 }
```

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

```
.background{ background-color:#0D8663 }
```

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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