

# Converting Colors

Hex(0D8D5E)

Have a look what the booklet for  
Hex(0D8D5E) contains.

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# Color

**Hex(0D8D5E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D8D5E
RGB	13, 141, 94
RGB Percent	5%, 55%, 37%
CMY	0.9490, 0.4471, 0.6314
CMYK	0.91, 0.00, 0.33, 0.45
HSL	158°, 83%, 30%
HSV	158°, 91%, 55%
XYZ	11.7112, 19.9435, 13.8219
YIQ	97.3700, -61.2010, -41.7530

# Conversions

## Conversions Part 2

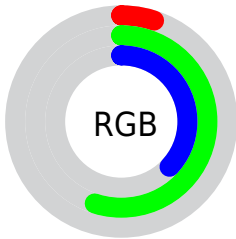
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 91, 141
Decimal	888158
CIELab	51.77, -43.32, 16.34
CIElCh	52, 46.299, 159.340
Yxy	19.9435, 0.2575, 0.4385
Android (android.graphics.Color)	4279078238 (0xFF0D8D5E)
YUV	97.3700, -1.6614, -73.9925
Hunter-Lab	44.6581, -31.3415, 12.9101

# Details

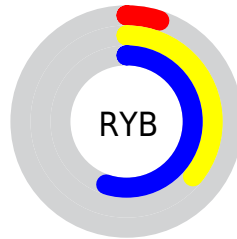
The Hex color **0D8D5E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8D0D3C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C491**, and **005930** is the 20% darker color. If you saturate the color by 10%, you get **008D59**, and if you desaturate by 10%, it is **1B8D63**.

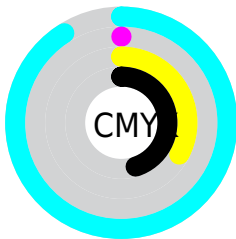
# Distribution



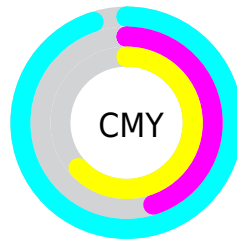
- Red (5%)
- Green (55%)
- Blue (37%)



- Red (5%)
- Yellow (36%)
- Blue (55%)



- Cyan (91%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D8D5E 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 0D8D5E by changing the saturation by 10% instead.



 0D8D5E

 0D8D5E

FFFFFF

 007346

 56C491

 005930

 73E0AB

 00411A

 90FDC7

 002B01

 ADFFE3

 000C00

 CAFFFF

 000000

 E7FFFF

 0D8D5E

 0D8D5E

 008D59

 1B8D63

 298D68

 378D6E

 458D73

 548D78

 628D7D

 708D82

 7E8D87

 8C8D8D

# Harmonies

## Analogous

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



5B873B



0D8D5E



008F87

# Triad

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



0D8D5E



487CCA



BE604B

# Complementary

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



0D8D5E



8D0D3C

# 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.



C45871



0D8D5E



8E6CB9

# Square

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



0D8D5E



0087C5



B55D98



A86F2F

# Rectangle

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



0D8D5E



008EA1



B55D98



C25C57



# Sweetspot

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



0D8D5E



86B8A5



3E8D0D



3E5C51



DBDBDB



5C5C5C



# Same Dimension

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



0D8D5E



00B874



0D7E8D



404745



008756



000805



# Inverse Universe

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



8D0D3C



B80043



8D1C0D



474043



870032



080003



# Previews

## White Background



This preview shows how the Hex color 0D8D5E looks on a white background.

## Color Contrast Check

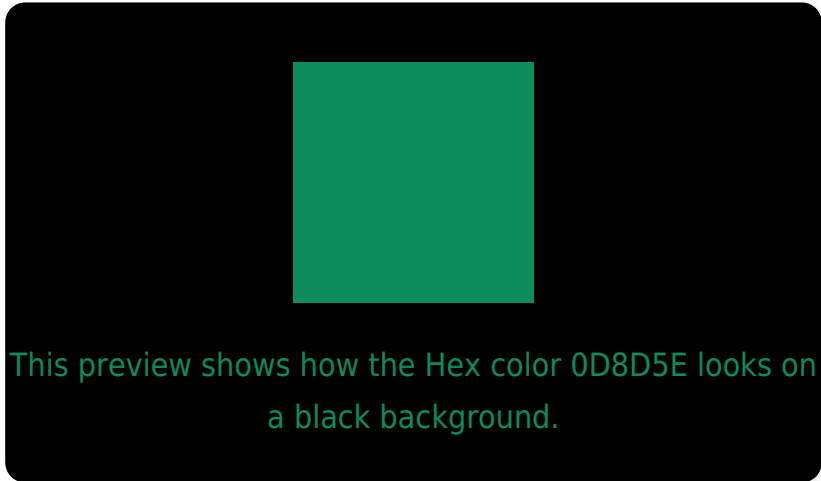
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D8D5E Background



This preview shows how black text looks on a background with the Hex color 0D8D5E.

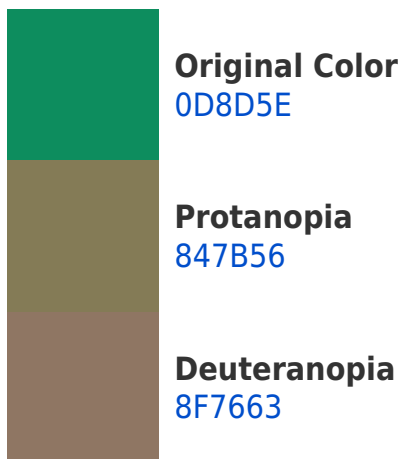


This preview shows how white text looks on a background with the Hex color 0D8D5E.

# 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**  
328792

# Trichromacy



**Original Color**  
0D8D5E



**Protanomaly**  
598259



**Deuteranomaly**  
607E61



**Tritanomaly**  
25897F

# Monochromacy



**Original Color**  
0D8D5E



**Achromatopsia**  
616161



**Achromatomaly**  
427160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D8D5E 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 #0D8D5E looks like.

```
.text, #text, p{  
    color:#0D8D5E  
}
```

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 #0D8D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8D5E
}
```

## Border

The CSS property to change the border of an element to Hex 0D8D5E 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
#0D8D5E }
```

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

```
.border{ border-color:#0D8D5E }
```

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

Here you see how a box with a 4 pixel #0D8D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8D5E; -webkit-box-shadow:4px 4px  
4px 4px #0D8D5E; box-shadow:4px 4px 4px  
4px #0D8D5E }
```

# Background

The CSS property to change the background color of an element to Hex 0D8D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8D5E }
```

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

```
.background{ background-color:#0D8D5E }
```

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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