

# Converting Colors

Hex(0D856D)

Have a look what the booklet for  
Hex(0D856D) contains.

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# Color

**Hex(0D856D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D856D
RGB	13, 133, 109
RGB Percent	5%, 52%, 43%
CMY	0.9490, 0.4784, 0.5725
CMYK	0.90, 0.00, 0.18, 0.48
HSL	168°, 82%, 29%
HSV	168°, 90%, 52%
XYZ	11.3138, 17.9647, 17.3392
YIQ	94.3840, -63.8160, -32.9040

# Conversions

## Conversions Part 2

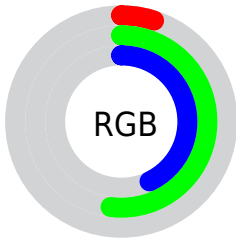
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 80, 133
Decimal	886125
CIELab	49.45, -36.17, 4.44
CIELCh	49, 36.441, 172.994
Yxy	17.9647, 0.2427, 0.3854
Android (android.graphics.Color)	4279076205 (0xFF0D856D)
YUV	94.3840, 7.2057, -71.3738
Hunter-Lab	42.3848, -26.5263, 5.4144

# Details

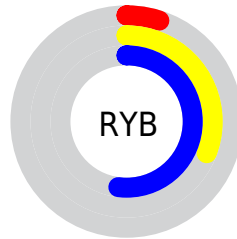
The Hex color **0D856D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **850D25**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55BBA0**, and **00523E** is the 20% darker color. If you saturate the color by 10%, you get **00856A**, and if you desaturate by 10%, it is **1A8570**.

# Distribution



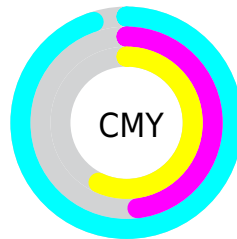
- Red (5%)
- Green (52%)
- Blue (43%)



- Red (5%)
- Yellow (31%)
- Blue (52%)



- Cyan (90%)
- Magenta (0%)
- Yellow (18%)
- Black (48%)



- Cyan (95%)
- Magenta (48%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D856D 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 0D856D by changing the saturation by 10% instead.





0D856D



0D856D

FFFFFF



006B55



55BBA0



00523E



72D7BB



003A28



8EF4D7



002613



ABFFF4



000000



C8FFFF



E5FFFF



0D856D



0D856D



00856A



1A8570

■ 288572

■ 358575

■ 428578

■ 50857A

■ 5D857D

■ 6A8580

■ 778582

■ 858585

# Harmonies

## Analogous

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



4C824F



0D856D



00858D

# Triad

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



0D856D



6D70AE



A56645

# Complementary

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



0D856D



850D25

# 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.



B05D5F



0D856D



95649B

# Square

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



0D856D



2E7BB3



AB5D7E



8F7137

# Rectangle

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



0D856D



00849F



AB5D7E



AA634D



# Sweetspot

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



0D856D



7FADA4



25850D



3B5751



D6D6D6



575757



# Same Dimension

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



0D856D



00AD8B



0D6185



3C4241



008268



000302



# Inverse Universe

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



850D25



AD0023



85310D



423C3D



82001A



030001



# Previews

## White Background



This preview shows how the Hex color 0D856D looks on a white background.

## Color Contrast Check

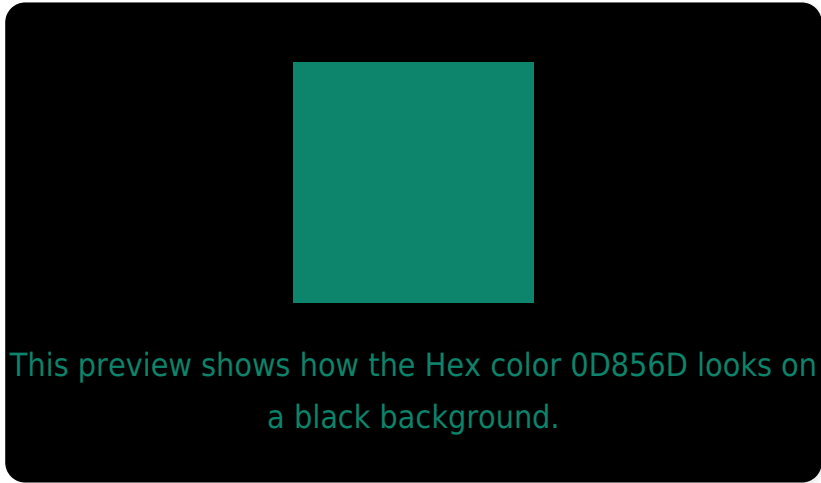
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D856D Background



This preview shows how black text looks on a background with the Hex color 0D856D.

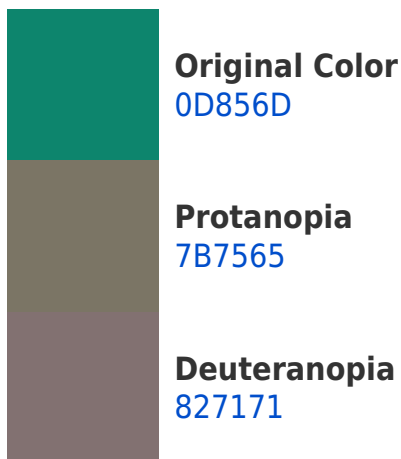


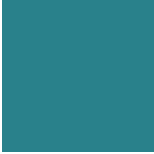
This preview shows how white text looks on a background with the Hex color 0D856D.

# 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](#).

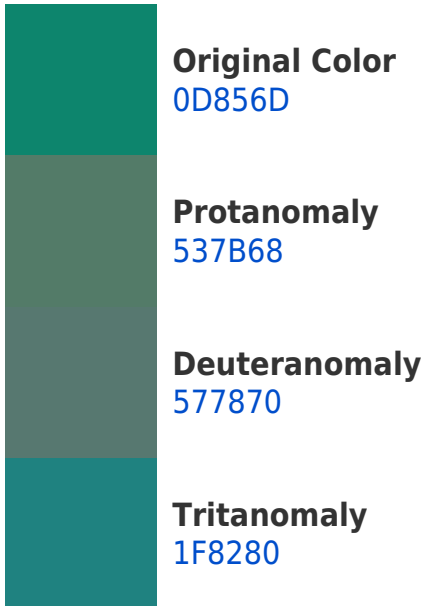
## Dichromacy



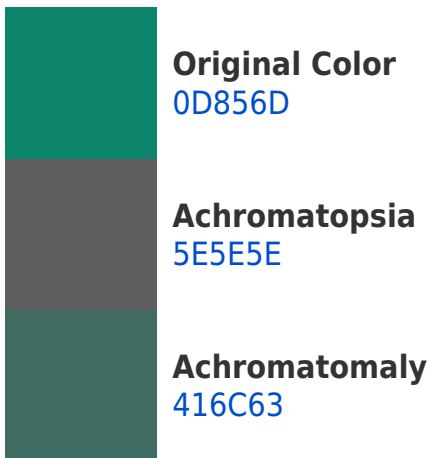


**Tritanopia**  
29818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D856D 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 #0D856D looks like.

```
.text, #text, p{  
    color:#0D856D  
}
```

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 #0D856D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D856D
}
```

## Border

The CSS property to change the border of an element to Hex 0D856D 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
#0D856D }
```

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

```
.border{ border-color:#0D856D }
```

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

Here you see how a box with a 4 pixel #0D856D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D856D; -webkit-box-shadow:4px 4px  
4px 4px #0D856D; box-shadow:4px 4px 4px  
4px #0D856D }
```

# Background

The CSS property to change the background color of an element to Hex 0D856D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D856D }
```

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

```
.background{ background-color:#0D856D }
```

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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