

# Converting Colors

Hex(0D8666)

Have a look what the booklet for  
Hex(0D8666) contains.

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# Color

**Hex(0D8666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D8666
RGB	13, 134, 102
RGB Percent	5%, 53%, 40%
CMY	0.9490, 0.4745, 0.6000
CMYK	0.90, 0.00, 0.24, 0.47
HSL	164°, 82%, 29%
HSV	164°, 90%, 53%
XYZ	11.0893, 18.0951, 15.4786
YIQ	94.1730, -61.8440, -35.6040

# Conversions

## Conversions Part 2

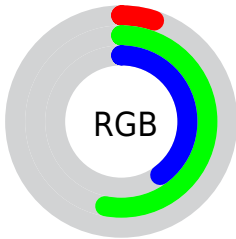
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 83, 134
Decimal	886374
CIELab	49.61, -38.49, 8.74
CIElCh	50, 39.467, 167.203
Yxy	18.0951, 0.2483, 0.4051
Android (android.graphics.Color)	4279076454 (0xFF0D8666)
YUV	94.1730, 3.8587, -71.1887
Hunter-Lab	42.5383, -27.9087, 8.2027

# Details

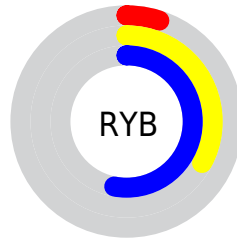
The Hex color **0D8666** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **860D2D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55BC99**, and **005337** is the 20% darker color. If you saturate the color by 10%, you get **008663**, and if you desaturate by 10%, it is **1A866A**.

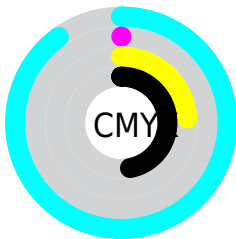
# Distribution



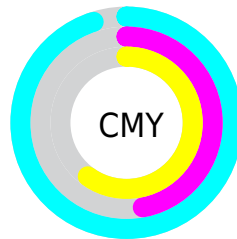
- Red (5%)
- Green (53%)
- Blue (40%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (24%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D8666 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 0D8666 by changing the saturation by 10% instead.



 0D8666

 0D8666

FFFFFF

 006C4E

 55BC99

 005337

 71D8B4

 003B22

 8EF5CF

 00260C

 AAF FEC

 000000

 C7FFFF

 E5FFFF

 0D8666

 0D8666

 008663

 1A866A

 28866D

 358671

 438674

 508678

 5D867B

 6B867F

 788682

 868686

# Harmonies

## Analogous

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



518247



0D8666



008789

# Triad

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



0D8666



6173B6



AC6346

# Complementary

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



0D8666



860D2D

# 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.



B55A64



0D8666



9166A4

# Square

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



0D8666



007EB7



AD5B86



966F33

# Rectangle

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



0D8666



00869E



AD5B86



B15F4F



# Sweetspot

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



0D8666



7FADA1



2D860D



3B574F



D6D6D6



575757



# Same Dimension

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



0D8666



00AD80



0D6A86



3C4241



008260



000302



# Inverse Universe

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



860D2D



AD002E



86290D



423C3D



820022



030001



# Previews

## White Background



This preview shows how the Hex color 0D8666 looks on a white background.

## Color Contrast Check

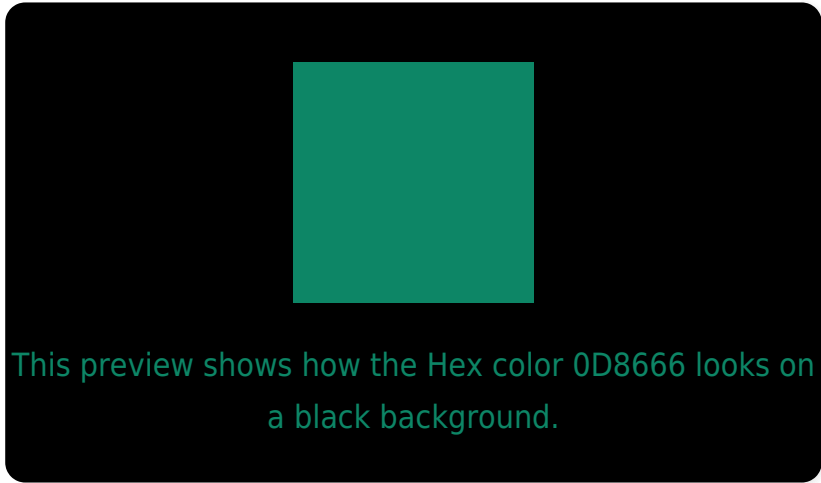
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D8666 Background



This preview shows how black text looks on a background with the Hex color 0D8666.



This preview shows how white text looks on a background with the Hex color 0D8666.

# 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



**Original Color**  
0D8666

**Protanopia**  
7D755E

**Deuteranopia**  
85716B



**Tritanopia**  
2C818B

# Trichromacy



**Original Color**  
0D8666



**Protanomaly**  
547B61



**Deuteranomaly**  
597969



**Tritanomaly**  
21837E

# Monochromacy



**Original Color**  
0D8666



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
416D61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D8666 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 #0D8666 looks like.

```
.text, #text, p{  
    color:#0D8666  
}
```

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 #0D8666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8666
}
```

## Border

The CSS property to change the border of an element to Hex 0D8666 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
#0D8666 }
```

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

```
.border{ border-color:#0D8666 }
```

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

Here you see how a box with a 4 pixel #0D8666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8666; -webkit-box-shadow:4px 4px  
4px 4px #0D8666; box-shadow:4px 4px 4px  
4px #0D8666 }
```

# Background

The CSS property to change the background color of an element to Hex 0D8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8666 }
```

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

```
.background{ background-color:#0D8666 }
```

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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