

Converting Colors

Hex(0D8768)

Have a look what the booklet for
Hex(0D8768) contains.

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Color

Hex(0D8768)

Conversions

Conversions Part 1

Format	Color
Hex	0D8768
RGB	13, 135, 104
RGB Percent	5%, 53%, 41%
CMY	0.9490, 0.4706, 0.5922
CMYK	0.90, 0.00, 0.23, 0.47
HSL	165°, 82%, 29%
HSV	165°, 90%, 53%
XYZ	11.3286, 18.4130, 16.0537
YIQ	94.9880, -62.7610, -35.5050

Conversions

Conversions Part 2

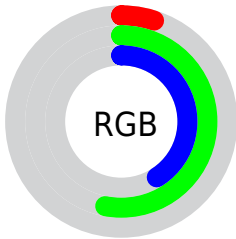
Format	Color
R_{YB}	13, 83, 135
Decimal	886632
CIE _{Lab}	49.99, -38.39, 8.12
CIE _{LCh}	50, 39.239, 168.052
Yxy	18.4130, 0.2474, 0.4021
Android (android.graphics.Color)	4279076712 (0xFF0D8768)
YUV	94.9880, 4.4429, -71.9035
Hunter-Lab	42.9104, -27.9678, 7.8556

Details

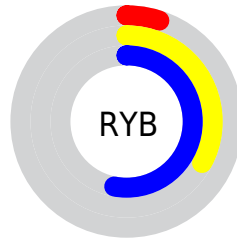
The Hex color **0D8768** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **870D2C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **55BD9B**, and **005439** is the 20% darker color. If you saturate the color by 10%, you get **008765**, and if you desaturate by 10%, it is **1A876B**.

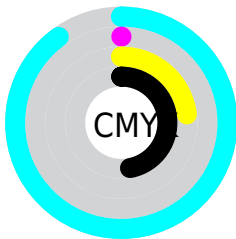
Distribution



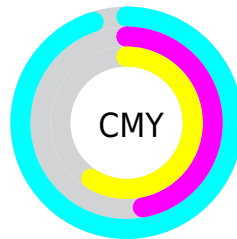
- Red (5%)
- Green (53%)
- Blue (41%)



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



- Cyan (90%)
- Magenta (0%)
- Yellow (23%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8768 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 0D8768 by changing the saturation by 10% instead.

 0D8768

 0D8768

FFFFFF

 006D50

 55BD9B

 005439

 72D9B6

 003C23

 8EF6D2

 00270E

 ABFFEE

 000000

 C8FFFF

 E5FFFF

 0D8768

 0D8768

 008765

 1A876B

■ 28876F

■ 358772

■ 438776

■ 508779

■ 5E877D

■ 6B8780

■ 798783

■ 878787

Harmonies

Analogous

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



518349



0D8768



00888B

Triad

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



0D8768



6373B6



AC6447

Complementary

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



0D8768



870D2C

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.



B65C64



0D8768



9366A4

Square

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



0D8768



007EB8



AE5C86



967034

Rectangle

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



0D8768



00869F



AE5C86



B1614F

Sweetspot

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



0D8768



80B0A4



2E870D



3D5952



D9D9D9



595959

Same Dimension

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



0D8768



00B083



0D6B87



3C4241



008261



000302

Inverse Universe

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



870D2C



B0002D



87290D



423C3D



820021



030001

Previews

White Background



This preview shows how the Hex color 0D8768 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

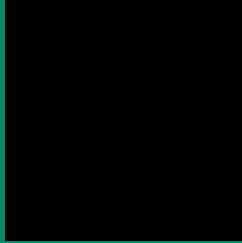
Any Text WCAG AA ✓ Pass

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 0D8768 Background



This preview shows how black text looks on a background with the Hex color 0D8768.

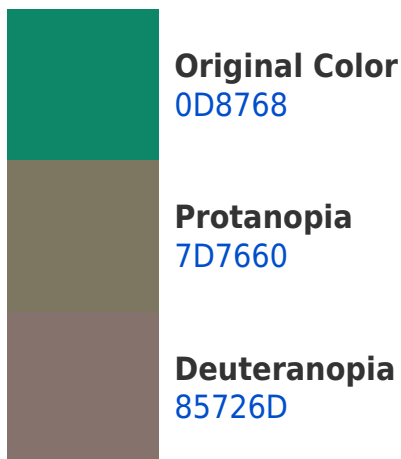


This preview shows how white text looks on a background with the Hex color 0D8768.

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
2C828D

Trichromacy



Original Color
0D8768



Protanomaly
547C63



Deuteranomaly
597A6B



Tritanomaly
218480

Monochromacy



Original Color
0D8768



Achromatopsia
5F5F5F



Achromatomaly
416E62

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8768 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 #0D8768 looks like.

```
.text, #text, p{  
    color:#0D8768  
}
```

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 #0D8768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8768
}
```

Border

The CSS property to change the border of an element to Hex 0D8768 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
#0D8768 }
```

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

```
.border{ border-color:#0D8768 }
```

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

Here you see how a box with a 4 pixel #0D8768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8768; -webkit-box-shadow:4px 4px  
4px 4px #0D8768; box-shadow:4px 4px 4px  
4px #0D8768 }
```

Background

The CSS property to change the background color of an element to Hex 0D8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8768 }
```

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

```
.background{ background-color:#0D8768 }
```

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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