

# Converting Colors

Hex(0D968B)

Have a look what the booklet for  
Hex(0D968B) contains.

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**Color**

**Hex(0D968B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D968B
RGB	13, 150, 139
RGB Percent	5%, 59%, 55%
CMY	0.9490, 0.4118, 0.4549
CMYK	0.91, 0.00, 0.07, 0.41
HSL	175°, 84%, 32%
HSV	175°, 91%, 59%
XYZ	15.7325, 23.7623, 28.1835
YIQ	107.7830, -78.1210, -32.4650

# Conversions

## Conversions Part 2

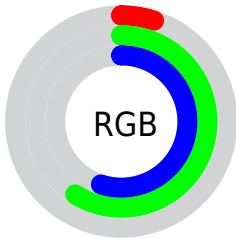
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 84, 150
Decimal	890507
CIELab	55.85, -35.16, -3.58
CIElCh	56, 35.346, 185.817
Yxy	23.7623, 0.2325, 0.3511
Android (android.graphics.Color)	4279080587 (0xFF0D968B)
YUV	107.7830, 15.3900, -83.1247
Hunter-Lab	48.7466, -27.6974, -0.1566

# Details

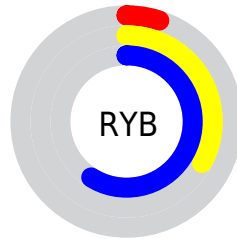
The Hex color **0D968B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **960D18**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BCDC0**, and **006259** is the 20% darker color. If you saturate the color by 10%, you get **00968A**, and if you desaturate by 10%, it is **1C968C**.

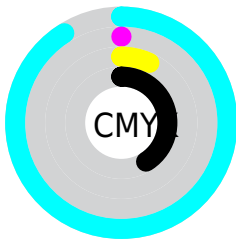
# Distribution



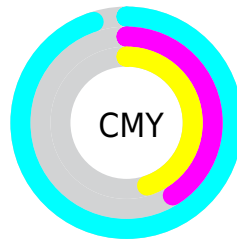
- Red (5%)
- Green (59%)
- Blue (55%)



- Red (5%)
- Yellow (33%)
- Blue (59%)



- Cyan (91%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (95%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D968B 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 0D968B by changing the saturation by 10% instead.



0D968B

0D968B

FFFFFF

007C72

5BCDC0

006259

79E9DC

004A42

97FFF9

00322C

B4FFF9

001D17

D2FFF9

000000

F0FFF9

0D968B

0D968B

00968A

1C968C

■ 2B968D

■ 3A968F

■ 499690

■ 589691

■ 679692

■ 769693

■ 859695

■ 949696

# Harmonies

## Analogous

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



4C946C



0D968B



0095A9

# Triad

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



0D968B



917CB8



AE7B4E

# Complementary

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



0D968B



960D18

# 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.



BE7163



0D968B



B171A0

# Square

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



0D968B



6187C3



C06D81



948648

# Rectangle

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



0D968B



0092B8



C06D81



B47854



# Sweetspot

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



0D968B



8DC2BE



18960D



42615E



E0E0E0



616161



# Same Dimension

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



0D968B



00C2B2



0D5D96



434A49



008A7F



000A09



# Inverse Universe

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



960D18



C20010



96460D



4A4343



8A000B



0A0001



# Previews

## White Background



This preview shows how the Hex color 0D968B looks on a white background.

## Color Contrast Check

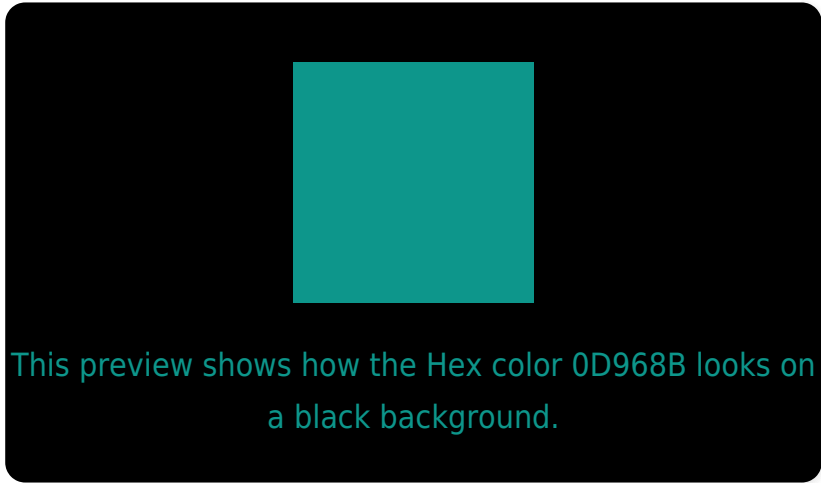
Large Text (above 18pt) WCAG AA ✓ Pass

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

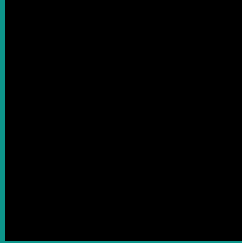
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0D968B Background



This preview shows how black text looks on a background with the Hex color 0D968B.

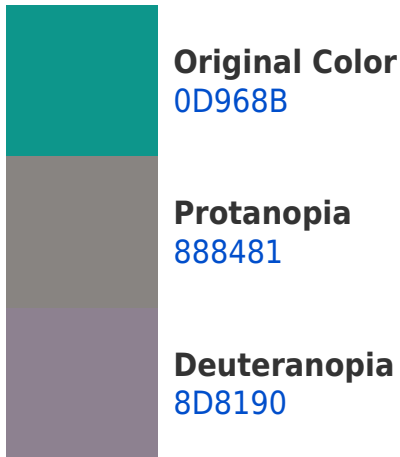


This preview shows how white text looks on a background with the Hex color 0D968B.

# 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**  
25939F

# Trichromacy



**Original Color**  
0D968B



**Protanomaly**  
5B8B85



**Deuteranomaly**  
5E898E



**Tritanomaly**  
1C9498

# Monochromacy



**Original Color**  
0D968B



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
497B77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D968B 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 #0D968B looks like.

```
.text, #text, p{  
    color:#0D968B  
}
```

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 #0D968B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D968B
}
```

## Border

The CSS property to change the border of an element to Hex 0D968B 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
#0D968B }
```

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

```
.border{ border-color:#0D968B }
```

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

Here you see how a box with a 4 pixel #0D968B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D968B; -webkit-box-shadow:4px 4px  
4px 4px #0D968B; box-shadow:4px 4px 4px  
4px #0D968B }
```

# Background

The CSS property to change the background color of an element to Hex 0D968B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D968B }
```

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

```
.background{ background-color:#0D968B }
```

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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