

# Converting Colors

Hex(0B9782)

Have a look what the booklet for  
Hex(0B9782) contains.

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**Color**

**Hex(0B9782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B9782
RGB	11, 151, 130
RGB Percent	4%, 59%, 51%
CMY	0.9569, 0.4078, 0.4902
CMYK	0.93, 0.00, 0.14, 0.41
HSL	171°, 86%, 32%
HSV	171°, 93%, 59%
XYZ	15.2339, 23.8161, 24.9131
YIQ	106.7460, -76.6990, -36.2110

# Conversions

## Conversions Part 2

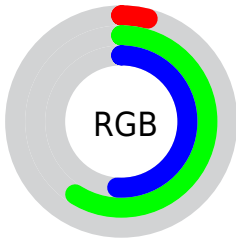
Format	Color
<b>RYB</b>	<b>11, 87, 151</b>
Decimal	759682
CIELab	55.90, -38.33, 1.64
CIElCh	56, 38.364, 177.543
Yxy	23.8161, 0.2382, 0.3723
Android (android.graphics.Color)	4278949762 (0xFF0B9782)
YUV	106.7460, 11.4642, -83.9692
Hunter-Lab	48.8017, -29.6826, 3.8938

# Details

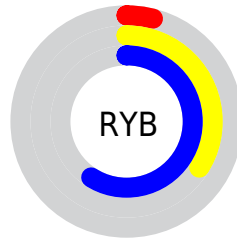
The Hex color **0B9782** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **970B20**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5ACEB7**, and **006351** is the 20% darker color. If you saturate the color by 10%, you get **009780**, and if you desaturate by 10%, it is **1A9784**.

# Distribution



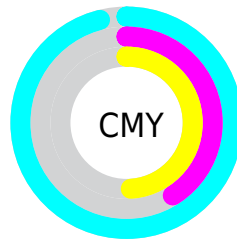
- Red (4%)
- Green (59%)
- Blue (51%)



- Red (4%)
- Yellow (34%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B9782 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 0B9782 by changing the saturation by 10% instead.



 0B9782

 0B9782

FFFFFF

 007D69

 5ACEB7

 006351

 78EAD2

 004A3A

 95FEEF

 003324

 B3FFFF

 001D0F

 D0FFFF

 000000

 EEEFFF

 0B9782

 0B9782

 009780

 1A9784

■ 299787

■ 389789

■ 47978B

■ 56978D

■ 669790

■ 759792

■ 849794

■ 939796

# Harmonies

## Analogous

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



539461



0B9782



0097A4

# Triad

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



0B9782



857EC1



B7774F

# Complementary

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



0B9782



970B20

# 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.



C46D69



0B9782



AD72AA

# Square

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



0B9782



498AC8



C26B8A



9D8342

# Rectangle

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



0B9782



0094B6



C26B8A



BD7356



# Sweetspot

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



0B9782



8DC4BC



20970B



42635E



E3E3E3



636363



# Same Dimension

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



0B9782



00C4A7



0B6897



454D4B



008C77



000D0B



# Inverse Universe

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



970B20



C4001D



973C0B



4D4546



8C0015



0D0002



# Previews

## White Background



This preview shows how the Hex color 0B9782 looks on a white background.

## Color Contrast Check

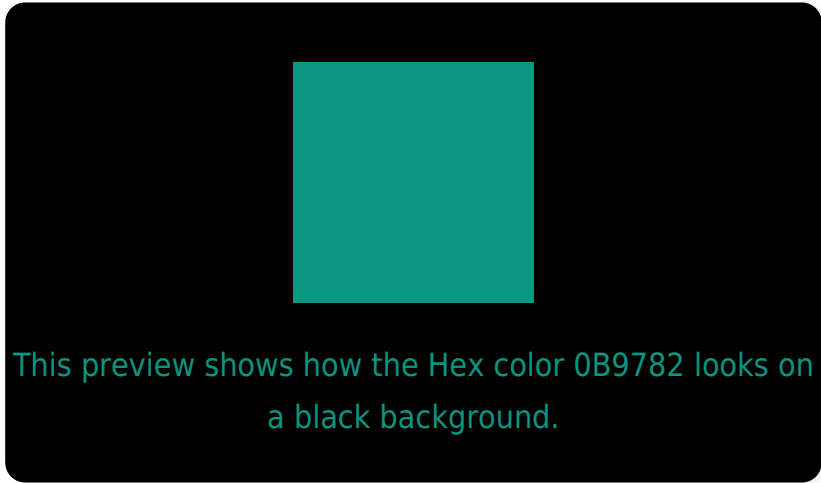
Large Text (above 18pt) WCAG AA ✓ Pass

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

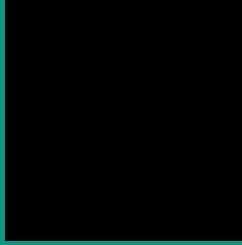
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0B9782 Background



This preview shows how black text looks on a background with the Hex color 0B9782.

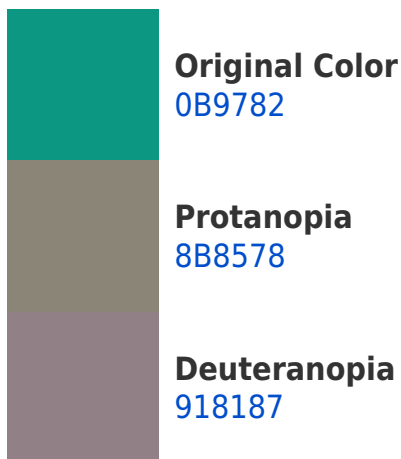


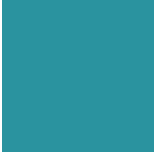
This preview shows how white text looks on a background with the Hex color 0B9782.

# 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**  
2A939F

# Trichromacy



**Original Color**

0B9782



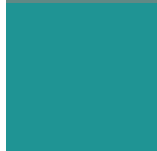
**Protanomaly**

5C8C7C



**Deuteranomaly**

608985



**Tritanomaly**

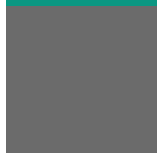
1F9494

# Monochromacy



**Original Color**

0B9782



**Achromatopsia**

6B6B6B



**Achromatomaly**

487B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B9782 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 #0B9782 looks like.

```
.text, #text, p{  
    color:#0B9782  
}
```

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 #0B9782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B9782
}
```

## Border

The CSS property to change the border of an element to Hex 0B9782 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
#0B9782 }
```

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

```
.border{ border-color:#0B9782 }
```

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

Here you see how a box with a 4 pixel #0B9782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B9782; -webkit-box-shadow:4px 4px  
4px 4px #0B9782; box-shadow:4px 4px 4px  
4px #0B9782 }
```

# Background

The CSS property to change the background color of an element to Hex 0B9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B9782 }
```

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

```
.background{ background-color:#0B9782 }
```

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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