

# Converting Colors

Hex(0B8E7F)

Have a look what the booklet for  
Hex(0B8E7F) contains.

<b>Hex(0B8E7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(0B8E7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0B8E7F
RGB	11, 142, 127
RGB Percent	4%, 56%, 50%
CMY	0.9569, 0.4431, 0.5020
CMYK	0.92, 0.00, 0.11, 0.44
HSL	173°, 86%, 30%
HSV	173°, 92%, 56%
XYZ	13.6418, 20.9495, 23.4033
YIQ	101.1210, -73.2610, -32.4370

# Conversions

## Conversions Part 2

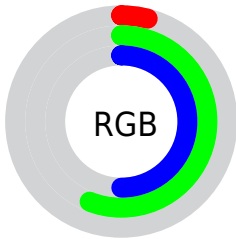
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 80, 142
Decimal	757375
CIE Lab	52.89, -35.17, -1.02
CIE LCh	53, 35.186, 181.662
Yxy	20.9495, 0.2352, 0.3612
Android (android.graphics.Color)	4278947455 (0xFF0B8E7F)
YUV	101.1210, 12.7583, -79.0361
Hunter-Lab	45.7706, -26.8971, 1.7233

# Details

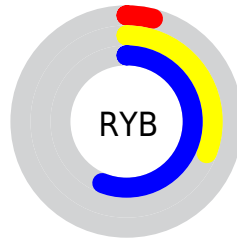
The Hex color **0B8E7F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E0B1A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **58C4B4**, and **005B4E** is the 20% darker color. If you saturate the color by 10%, you get **008E7E**, and if you desaturate by 10%, it is **198E81**.

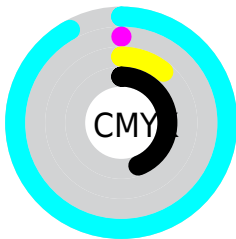
# Distribution



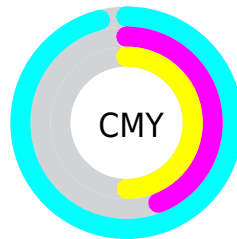
- Red (4%)
- Green (56%)
- Blue (50%)



- Red (4%)
- Yellow (31%)
- Blue (56%)



- Cyan (92%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (96%)
- Magenta (44%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8E7F 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 0B8E7F by changing the saturation by 10% instead.



 0B8E7F

 0B8E7F

FFFFFF

 007466

 58C4B4

 005B4E

 75E1CF

 004337

 92FEEB

 002C22

 AFFFFFF

 00120C

 CDFFFF

 000000

 EAFFFF

 0B8E7F

 0B8E7F

 008E7E

 198E81

 278E82

 368E84

 448E86

 528E87

 608E89

 6E8E8A

 7D8E8C

 8B8E8E

# Harmonies

## Analogous

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



4B8C61



0B8E7F



008D9D

# Triad

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



0B8E7F



8376B2



A8724A

# Complementary

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



0B8E7F



8E0B1A

# 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.



B66960



0B8E7F



A56B9B

# Square

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



0B8E7F



5181BA



B6667E



907D41

# Rectangle

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



0B8E7F



008BAD



B6667E



AE6F50



# Sweetspot

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



0B8E7F



84B8B2



1A8E0B



3D5C58



DBDBDB



5C5C5C



# Same Dimension

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



0B8E7F



00B8A3



0B5C8E



404747



008778



000807



# Inverse Universe

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



8E0B1A



B80015



8E3D0B



474041



87000F

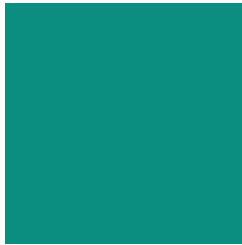


080001



# Previews

## White Background



This preview shows how the Hex color 0B8E7F looks on a white background.

## Color Contrast Check

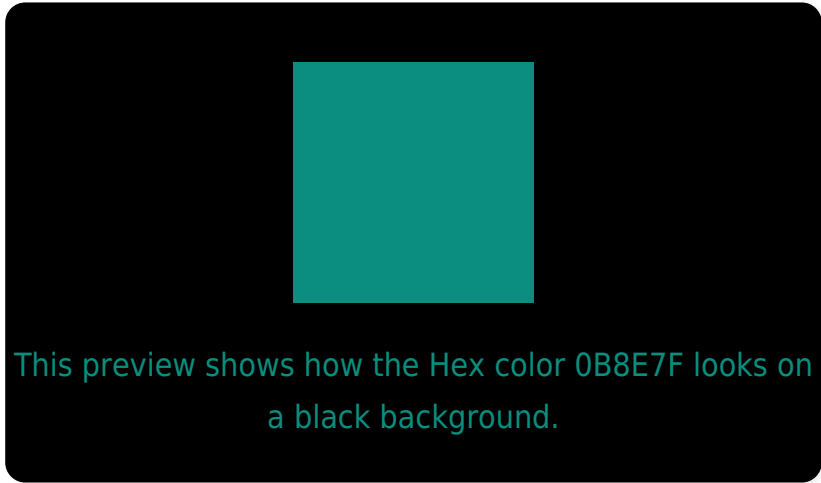
Large Text (above 18pt) WCAG AA ✓ Pass

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

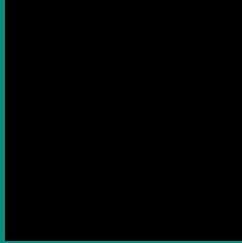
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0B8E7F Background



This preview shows how black text looks on a background with the Hex color 0B8E7F.

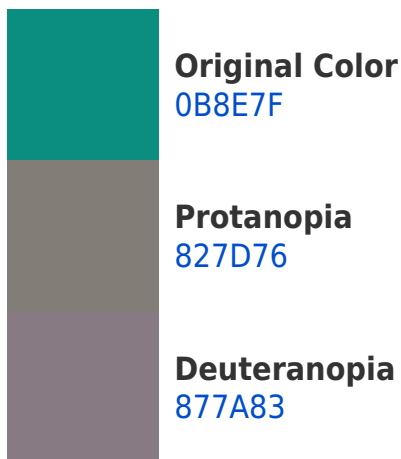


This preview shows how white text looks on a background with the Hex color 0B8E7F.

# 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](#).

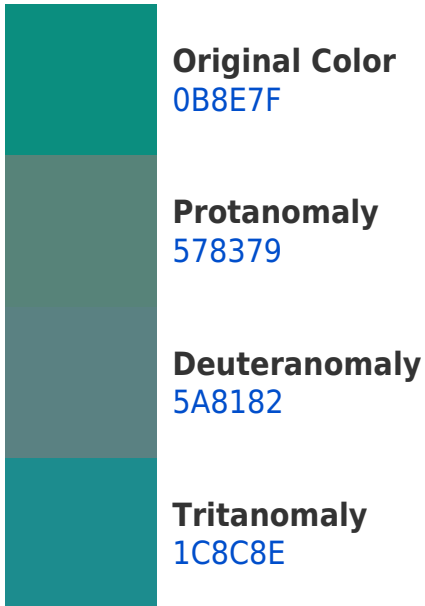
## Dichromacy



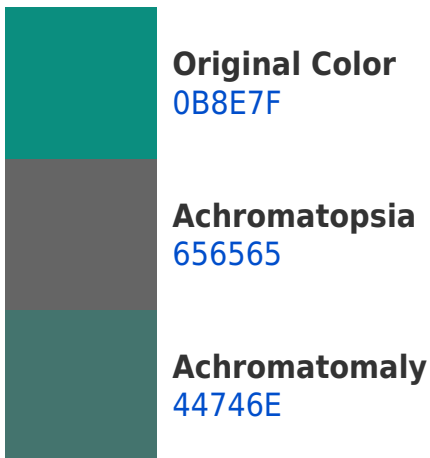


**Tritanopia**  
268B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8E7F 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 #0B8E7F looks like.

```
.text, #text, p{  
    color:#0B8E7F  
}
```

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 #0B8E7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8E7F
}
```

## Border

The CSS property to change the border of an element to Hex 0B8E7F 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
#0B8E7F }
```

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

```
.border{ border-color:#0B8E7F }
```

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

Here you see how a box with a 4 pixel #0B8E7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8E7F; -webkit-box-shadow:4px 4px  
4px 4px #0B8E7F; box-shadow:4px 4px 4px  
4px #0B8E7F }
```

# Background

The CSS property to change the background color of an element to Hex 0B8E7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8E7F }
```

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

```
.background{ background-color:#0B8E7F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor