

Converting Colors

Hex(0D8B7F)

Have a look what the booklet for
Hex(0D8B7F) contains.

Hex(0D8B7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D8B7F)

Conversions

Conversions Part 1

Format	Color
Hex	0D8B7F
RGB	13, 139, 127
RGB Percent	5%, 55%, 50%
CMY	0.9490, 0.4549, 0.5020
CMYK	0.91, 0.00, 0.09, 0.45
HSL	174°, 83%, 30%
HSV	174°, 91%, 55%
XYZ	13.2294, 20.0831, 23.2578
YIQ	99.9580, -71.2440, -30.4440

Conversions

Conversions Part 2

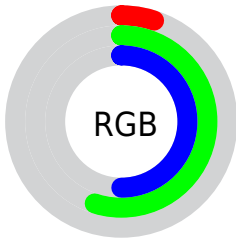
Format	Color
RYB	13, 79, 139
Decimal	887679
CIELab	51.93, -33.68, -2.43
CIELCh	52, 33.772, 184.130
Yxy	20.0831, 0.2339, 0.3550
Android (android.graphics.Color)	4279077759 (0xFF0D8B7F)
YUV	99.9580, 13.3317, -76.2622
Hunter-Lab	44.8142, -25.7308, 0.5994

Details

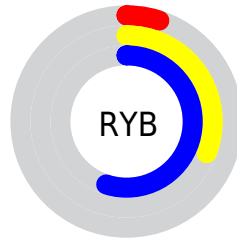
The Hex color **0D8B7F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8B0D19**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **58C1B4**, and **00584E** is the 20% darker color. If you saturate the color by 10%, you get **008B7E**, and if you desaturate by 10%, it is **1B8B80**.

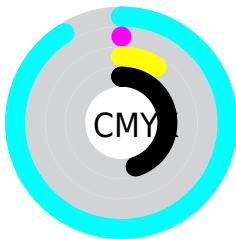
Distribution



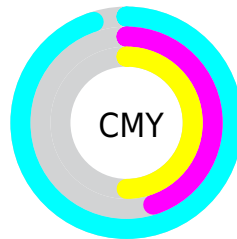
- Red (5%)
- Green (55%)
- Blue (50%)



- Red (5%)
- Yellow (31%)
- Blue (55%)



- Cyan (91%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (95%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D8B7F 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 0D8B7F by changing the saturation by 10% instead.

 0D8B7F

 0D8B7F

FFFFFF

 007166

 58C1B4

 00584E

 75DDCF

 004037

 92FAEB

 002A22

 AFFFFFF

 000D0C

 CCFFFF

 000000

 EAFFFF

 0D8B7F

 0D8B7F

 008B7E

 1B8B80

 298B82

 378B83

 458B84

 538B86

 608B87

 6E8B88

 7C8B8A

 8A8B8B

Harmonies

Analogous

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



478962



0D8B7F



008A9B

Triad

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



0D8B7F



8473AC



A27148

Complementary

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



0D8B7F



8B0D19

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.



B1685D



0D8B7F



A36996

Square

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



0D8B7F



567DB5



B26579



8A7B41

Rectangle

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



0D8B7F



0087AA



B26579



A96E4E

Sweetspot

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



0D8B7F



84B5B0



1A8B0D



3E5C59



DBDBDB



5C5C5C

Same Dimension

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



0D8B7F



00B5A4



0D598B



3E4544



008578



000505

Inverse Universe

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



8B0D19



B50011



8B3F0D



453E3F



85000D



050000

Previews

White Background



This preview shows how the Hex color 0D8B7F looks on a white background.

Color Contrast Check

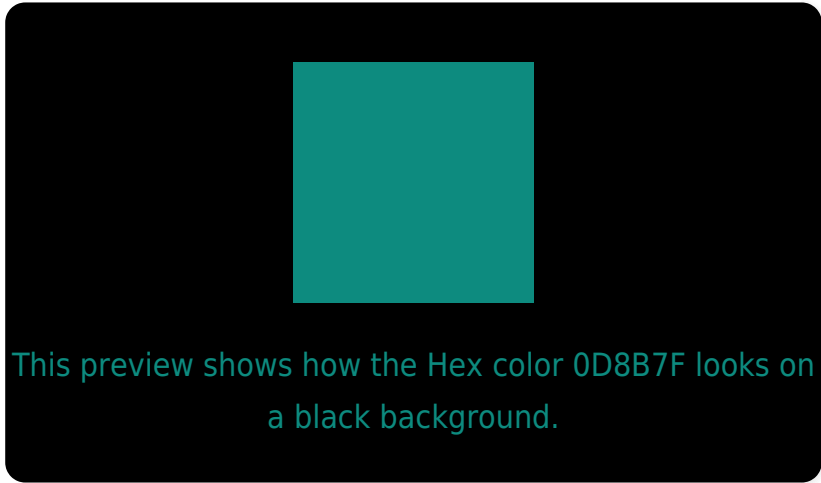
Large Text (above 18pt) WCAG AA ✓ Pass

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

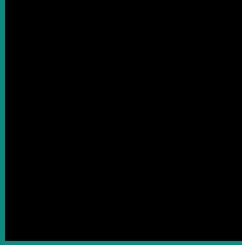
Any Text WCAG AA ✓ Pass

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 0D8B7F Background



This preview shows how black text looks on a background with the Hex color 0D8B7F.

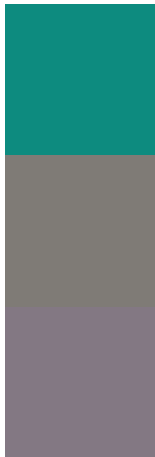


This preview shows how white text looks on a background with the Hex color 0D8B7F.

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
0D8B7F

Protanopia
7F7B76

Deuteranopia
837883



Tritanopia
248893

Trichromacy



Original Color
0D8B7F



Protanomaly
568179



Deuteranomaly
587F82



Tritanomaly
1C898C

Monochromacy



Original Color
0D8B7F



Achromatopsia
646464



Achromatomaly
44726E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D8B7F 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 #0D8B7F looks like.

```
.text, #text, p{  
  color:#0D8B7F  
}
```

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 #0D8B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D8B7F
}
```

Border

The CSS property to change the border of an element to Hex 0D8B7F 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
#0D8B7F }
```

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

```
.border{ border-color:#0D8B7F }
```

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

Here you see how a box with a 4 pixel #0D8B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D8B7F; -webkit-box-shadow:4px 4px  
4px 4px #0D8B7F; box-shadow:4px 4px 4px  
4px #0D8B7F }
```

Background

The CSS property to change the background color of an element to Hex 0D8B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D8B7F }
```

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

```
.background{ background-color:#0D8B7F }
```

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