

Converting Colors

Hex(0B8B97)

Have a look what the booklet for
Hex(0B8B97) contains.

Hex(0B8B97)	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(0B8B97)

Conversions

Conversions Part 1

Format	Color
Hex	0B8B97
RGB	11, 139, 151
RGB Percent	4%, 55%, 59%
CMY	0.9569, 0.4549, 0.4078
CMYK	0.93, 0.08, 0.00, 0.41
HSL	185°, 86%, 32%
HSV	185°, 93%, 59%
XYZ	14.9565, 20.7708, 32.4990
YIQ	102.0960, -80.1400, -23.4040

Conversions

Conversions Part 2

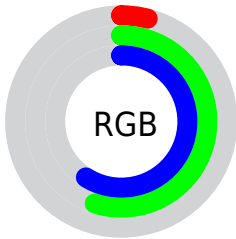
Format	Color
RYB	11, 78, 151
Decimal	756631
CIELab	52.70, -26.17, -15.22
CIELCh	53, 30.272, 210.173
Yxy	20.7708, 0.2192, 0.3044
Android (android.graphics.Color)	4278946711 (0xFF0B8B97)
YUV	102.0960, 24.1097, -79.8912
Hunter-Lab	45.5749, -21.1770, -10.3766

Details

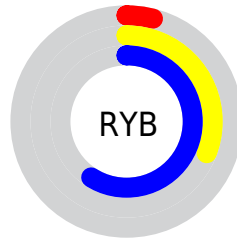
The Hex color **0B8B97** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97170B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5AC1CD**, and **005864** is the 20% darker color. If you saturate the color by 10%, you get **008A97**, and if you desaturate by 10%, it is **1A8C97**.

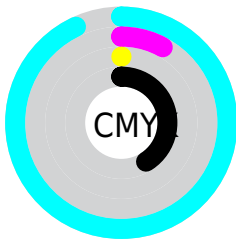
Distribution



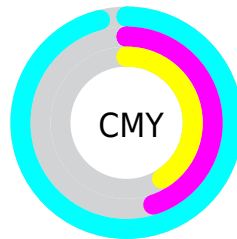
- Red (4%)
- Green (55%)
- Blue (59%)



- Red (4%)
- Yellow (31%)
- Blue (59%)



- Cyan (93%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)



- Cyan (96%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B8B97 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 0B8B97 by changing the saturation by 10% instead.

0B8B97

0B8B97

FFFFFF

00717D

5AC1CD

005864

78DDE9

00414C

96FAFF

002A36

B3FFFF

001220

D1FFFF

000006

EFFFFFF

000000

0B8B97

0B8B97

008A97

1A8C97

■ 298E97

■ 388F97

■ 479097

■ 569197

■ 669397

■ 759497

■ 849597

■ 939797

Harmonies

Analogous

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



318C7D



0B8B97



2987AA

Triad

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



0B8B97



9F6E98



8F7C49

Complementary

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



0B8B97



97170B

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.



A47351



0B8B97



AE6A7F

Square

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



0B8B97



8177AB



AF6C65



748450

Rectangle

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



0B8B97



4983B1



AF6C65



97794A

Sweetspot

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



0B8B97



8DC0C4



0B9717



426163



E3E3E3



636363

Same Dimension

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



0B8B97



00B4C4



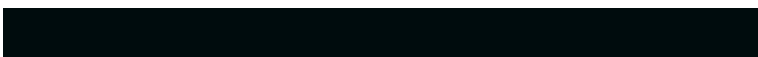
0B4597



454C4D



00808C



000C0D

Inverse Universe

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



970B8B



C400B4



975D0B



4D454C



8C0080



0D000C

Previews

White Background



This preview shows how the Hex color 0B8B97 looks on a white background.

Color Contrast Check

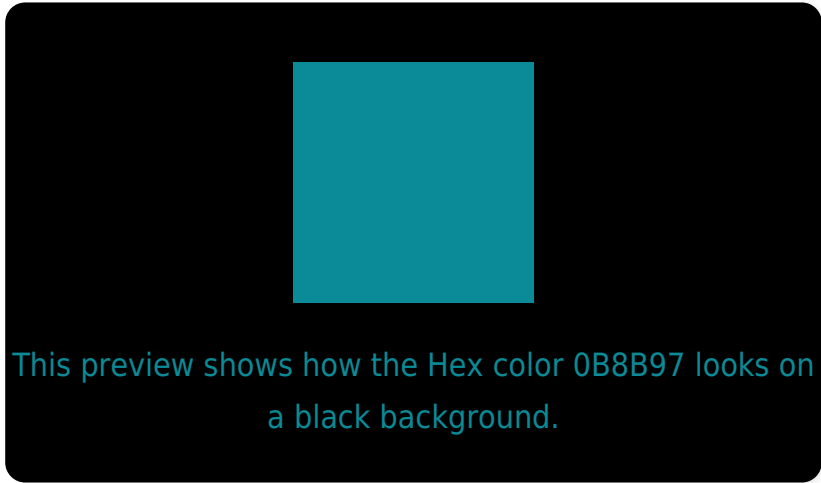
Large Text (above 18pt) WCAG AA ✓ Pass

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

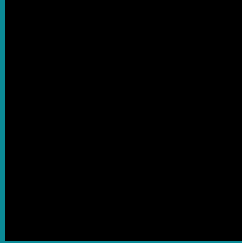
Any Text WCAG AA ✓ Pass

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 0B8B97 Background



This preview shows how black text looks on a background with the Hex color 0B8B97.

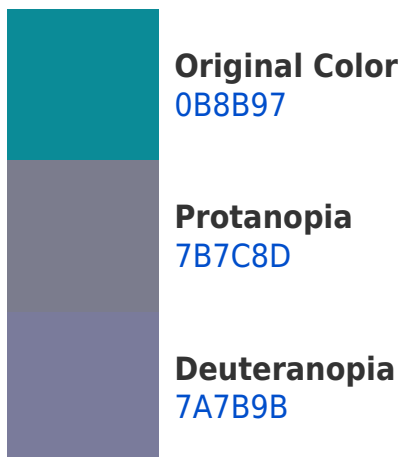


This preview shows how white text looks on a background with the Hex color 0B8B97.

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



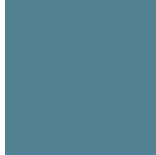


Tritanopia
098B96

Trichromacy



Original Color
0B8B97



Protanomaly
528191



Deuteranomaly
52819A



Tritanomaly
0A8B96

Monochromacy



Original Color
0B8B97



Achromatopsia
666666



Achromatomaly
457378

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B8B97 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 #0B8B97 looks like.

```
.text, #text, p{  
    color:#0B8B97  
}
```

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 #0B8B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8B97
}
```

Border

The CSS property to change the border of an element to Hex 0B8B97 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
#0B8B97 }
```

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

```
.border{ border-color:#0B8B97 }
```

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

Here you see how a box with a 4 pixel #0B8B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8B97; -webkit-box-shadow:4px 4px  
4px 4px #0B8B97; box-shadow:4px 4px 4px  
4px #0B8B97 }
```

Background

The CSS property to change the background color of an element to Hex 0B8B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8B97 }
```

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

```
.background{ background-color:#0B8B97 }
```

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