

# Converting Colors

Hex(0B8994)

Have a look what the booklet for  
Hex(0B8994) contains.

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**Color**

**Hex(0B8994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B8994
RGB	11, 137, 148
RGB Percent	4%, 54%, 58%
CMY	0.9569, 0.4627, 0.4196
CMYK	0.93, 0.07, 0.00, 0.42
HSL	185°, 86%, 31%
HSV	185°, 93%, 58%
XYZ	14.4290, 20.1006, 31.1363
YIQ	100.5800, -78.6270, -23.2910

# Conversions

## Conversions Part 2

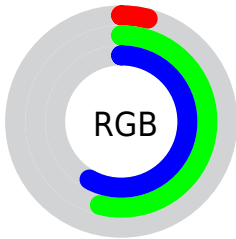
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 77, 148
Decimal	756116
CIELab	51.95, -26.16, -14.61
CIELCh	52, 29.965, 209.177
Yxy	20.1006, 0.2197, 0.3061
Android (android.graphics.Color)	4278946196 (0xFF0B8994)
YUV	100.5800, 23.3781, -78.5617
Hunter-Lab	44.8337, -21.0117, -9.7924

# Details

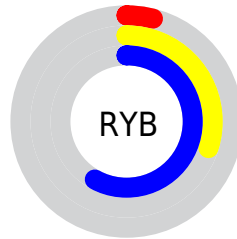
The Hex color **0B8994** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94160B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5ABFCA**, and **005761** is the 20% darker color. If you saturate the color by 10%, you get **008894**, and if you desaturate by 10%, it is **1A8A94**.

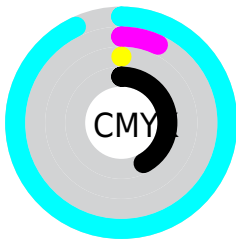
# Distribution



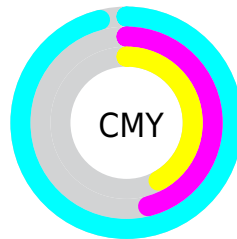
- Red (4%)
- Green (54%)
- Blue (58%)



- Red (4%)
- Yellow (30%)
- Blue (58%)



- Cyan (93%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (46%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8994 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 0B8994 by changing the saturation by 10% instead.



 0B8994

 0B8994

FFFFFF

 006F7A

 5ABFCA

 005761

 77DBE6

 003F4A

 95F7FF

 002833

 B2FFFF

 000F1E

 CFFFFF

 000002

 EDFFFF

 000000

 0B8994

 0B8994

 008894

 1A8A94

■ 298B94

■ 378D94

■ 468E94

■ 558F94

■ 649094

■ 739194

■ 819394

■ 909494

# Harmonies

## Analogous

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



31897A



0B8994



2685A7

# Triad

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



0B8994



9C6D97



8D7A48

# Complementary

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



0B8994



94160B

# 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.



A27151



0B8994



AC687E

# Square

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



0B8994



7E75A9



AD6A64



73824E

# Rectangle

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



0B8994



4681AE



AD6A64



957749



# Sweetspot

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



0B8994



8ABBBF



0B9414



405E61



E0E0E0



616161



# Same Dimension

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



0B8994



00B0BF



0B4694



43494A



007F8A



00090A



# Inverse Universe

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



940B89



BF00B0



94590B



4A4349



8A007F



0A0009



# Previews

## White Background



This preview shows how the Hex color 0B8994 looks on a white background.

## Color Contrast Check

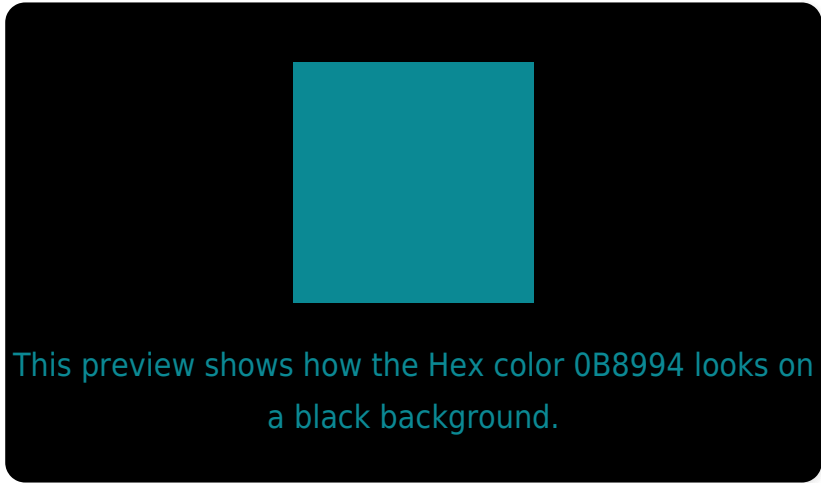
Large Text (above 18pt) WCAG AA ✓ Pass

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

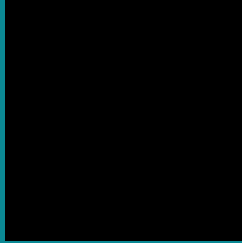
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0B8994 Background



This preview shows how black text looks on a background with the Hex color 0B8994.

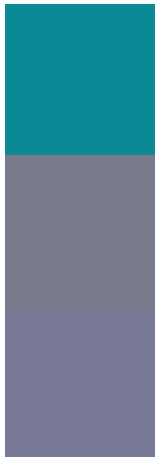


This preview shows how white text looks on a background with the Hex color 0B8994.

# 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**  
0B8994

**Protanopia**  
797A8A

**Deuteranopia**  
797998



**Tritanopia**  
0B8994

# Trichromacy



**Original Color**  
0B8994



**Protanomaly**  
517F8E



**Deuteranomaly**  
517F97



**Tritanomaly**  
0B8994

# Monochromacy



**Original Color**  
0B8994



**Achromatopsia**  
656565



**Achromatomaly**  
447276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8994 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 #0B8994 looks like.

```
.text, #text, p{  
    color:#0B8994  
}
```

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 #0B8994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8994
}
```

## Border

The CSS property to change the border of an element to Hex 0B8994 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
#0B8994 }
```

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

```
.border{ border-color:#0B8994 }
```

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

Here you see how a box with a 4 pixel #0B8994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8994; -webkit-box-shadow:4px 4px  
4px 4px #0B8994; box-shadow:4px 4px 4px  
4px #0B8994 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8994 }
```

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

```
.background{ background-color:#0B8994 }
```

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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