

# Converting Colors

Hex(0F8B94)

Have a look what the booklet for  
Hex(0F8B94) contains.

<b>Hex(0F8B94)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F8B94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F8B94
RGB	15, 139, 148
RGB Percent	6%, 55%, 58%
CMY	0.9412, 0.4549, 0.4196
CMYK	0.90, 0.06, 0.00, 0.42
HSL	184°, 82%, 32%
HSV	184°, 90%, 58%
XYZ	14.7749, 20.7049, 31.2347
YIQ	102.9500, -76.7930, -23.4890

# Conversions

## Conversions Part 2

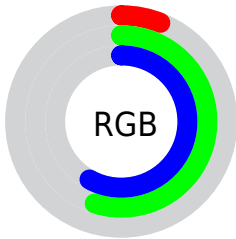
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 79, 148
Decimal	1018772
CIELab	52.63, -26.95, -13.58
CIElCh	53, 30.184, 206.747
Yxy	20.7049, 0.2215, 0.3104
Android (android.graphics.Color)	4279208852 (0xFF0F8B94)
YUV	102.9500, 22.2097, -77.1321
Hunter-Lab	45.5027, -21.6699, -8.8470

# Details

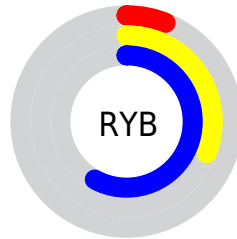
The Hex color **0F8B94** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94180F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5BC1CA**, and **005861** is the 20% darker color. If you saturate the color by 10%, you get **008A94**, and if you desaturate by 10%, it is **1E8C94**.

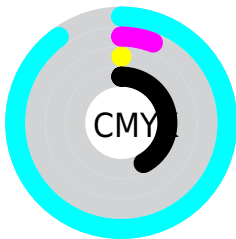
# Distribution



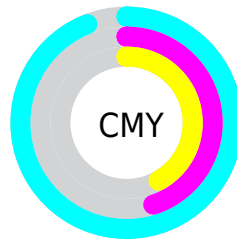
- Red (6%)
- Green (55%)
- Blue (58%)



- Red (6%)
- Yellow (31%)
- Blue (58%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (42%)



- Cyan (94%)
- Magenta (45%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F8B94 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 0F8B94 by changing the saturation by 10% instead.



 0F8B94

 0F8B94

FFFFFF

 00717A

 5BC1CA

 005861

 79DDE6

 00414A

 96FAFF

 002A33

 B3FFFF

 00121E

 D1FFFF

 000002

 EFFFFFF

 000000

 0F8B94

 0F8B94

 008A94

 1E8C94

 2D8D94

 3B8E94

 4A8F94

 599094

 689194

 779294

 859394

 949494

# Harmonies

## Analogous

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



358B7A



0F8B94



2488A8

# Triad

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



0F8B94



9C6F9A



917B4A

# Complementary

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



0F8B94



94180F

# 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.



A57253



0F8B94



AD6A81

# Square

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



0F8B94



7D78AC



B06B68



77834E

# Rectangle

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



0F8B94



4484B0



B06B68



99784B



# Sweetspot

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



0F8B94



8CBCBF



0F9418



425F61



E0E0E0



616161



# Same Dimension

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



0F8B94



00B2BF



0F4994



43494A



00808A



000A0A



# Inverse Universe

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



940F8B



BF00B2



945A0F



4A4349



8A0080



0A000A



# Previews

## White Background



This preview shows how the Hex color 0F8B94 looks on a white background.

## Color Contrast Check

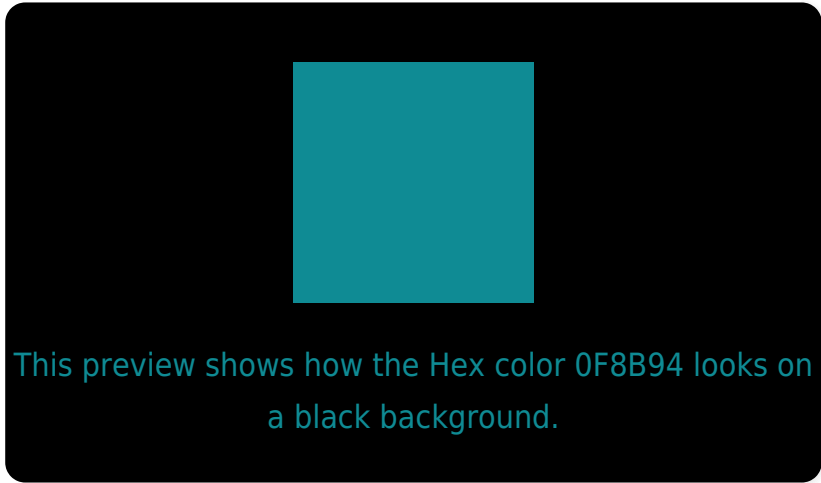
Large Text (above 18pt) WCAG AA ✓ Pass

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

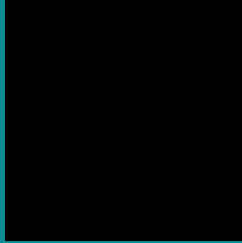
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0F8B94 Background



This preview shows how black text looks on a background with the Hex color 0F8B94.

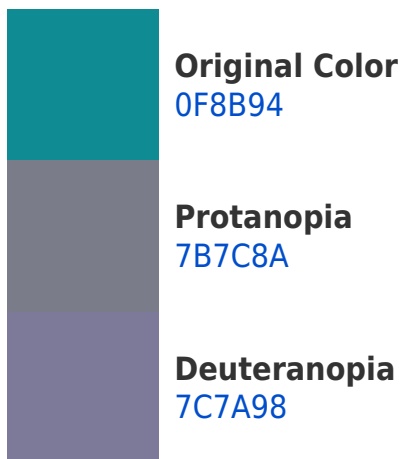


This preview shows how white text looks on a background with the Hex color 0F8B94.

# 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**  
138B96

# Trichromacy



**Original Color**  
0F8B94



**Protanomaly**  
54818E



**Deuteranomaly**  
548097



**Tritanomaly**  
128B95

# Monochromacy



**Original Color**  
0F8B94



**Achromatopsia**  
676767



**Achromatomaly**  
477477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F8B94 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 #0F8B94 looks like.

```
.text, #text, p{  
    color:#0F8B94  
}
```

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 #0F8B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8B94
}
```

## Border

The CSS property to change the border of an element to Hex 0F8B94 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
#0F8B94 }
```

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

```
.border{ border-color:#0F8B94 }
```

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

Here you see how a box with a 4 pixel #0F8B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F8B94; -webkit-box-shadow:4px 4px  
4px 4px #0F8B94; box-shadow:4px 4px 4px  
4px #0F8B94 }
```

# Background

The CSS property to change the background color of an element to Hex 0F8B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8B94 }
```

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

```
.background{ background-color:#0F8B94 }
```

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