

# Converting Colors

Hex(0E8B8F)

Have a look what the booklet for  
Hex(0E8B8F) contains.

<b>Hex(0E8B8F)</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(0E8B8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0E8B8F
RGB	14, 139, 143
RGB Percent	5%, 55%, 56%
CMY	0.9451, 0.4549, 0.4392
CMYK	0.90, 0.03, 0.00, 0.44
HSL	182°, 82%, 31%
HSV	182°, 90%, 56%
XYZ	14.3716, 20.5418, 29.1941
YIQ	102.0810, -75.7840, -25.2560

# Conversions

## Conversions Part 2

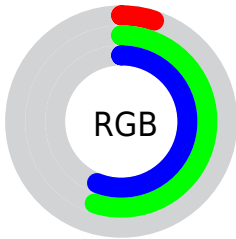
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 77, 143
Decimal	953231
CIELab	52.44, -28.64, -10.96
CIELCh	52, 30.669, 200.936
Yxy	20.5418, 0.2242, 0.3204
Android (android.graphics.Color)	4279143311 (0xFF0E8B8F)
YUV	102.0810, 20.1731, -77.2470
Hunter-Lab	45.3230, -22.7141, -6.4646

# Details

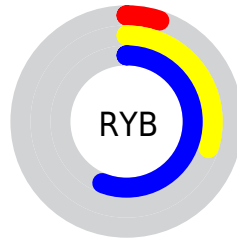
The Hex color **0E8B8F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F120E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5AC1C5**, and **00585D** is the 20% darker color. If you saturate the color by 10%, you get **008B8F**, and if you desaturate by 10%, it is **1C8B8F**.

# Distribution



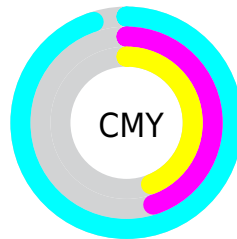
- Red (5%)
- Green (55%)
- Blue (56%)



- Red (5%)
- Yellow (30%)
- Blue (56%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (95%)
- Magenta (45%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8B8F 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 0E8B8F by changing the saturation by 10% instead.



 0E8B8F

 0E8B8F

FFFFFF

 007175

 5AC1C5

 00585D

 78DDE1

 004045

 95FAFD

 002A2F

 B2FFFF

 00111B

 CFFFFFF

 000000

 EDFFFF

 0E8B8F

 0E8B8F

 008B8F

 1C8B8F

 2B8C8F

 398C8F

 478D8F

 568D8F

 648E8F

 728E8F

 808F8F

 8F8F8F

# Harmonies

## Analogous

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



3B8B74



0E8B8F



1488A5

# Triad

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



0E8B8F



96709F



957949

# Complementary

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



0E8B8F



8F120E

# 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.



A87055



0E8B8F



AB6986

# Square

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



0E8B8F



7479AE



B0696C



7C814B

# Rectangle

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



0E8B8F



3885AE



B0696C



9D764C



# Sweetspot

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



0E8B8F



88B9BA



0E8F10



405D5E



DEDEDE



5E5E5E



# Same Dimension

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



0E8B8F



00B4BA



0E4C8F



404747



008387



000708



# Inverse Universe

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



8F0E8B



BA00B4



8F510E



474047



870083



080007



# Previews

## White Background



This preview shows how the Hex color 0E8B8F looks on a white background.

## Color Contrast Check

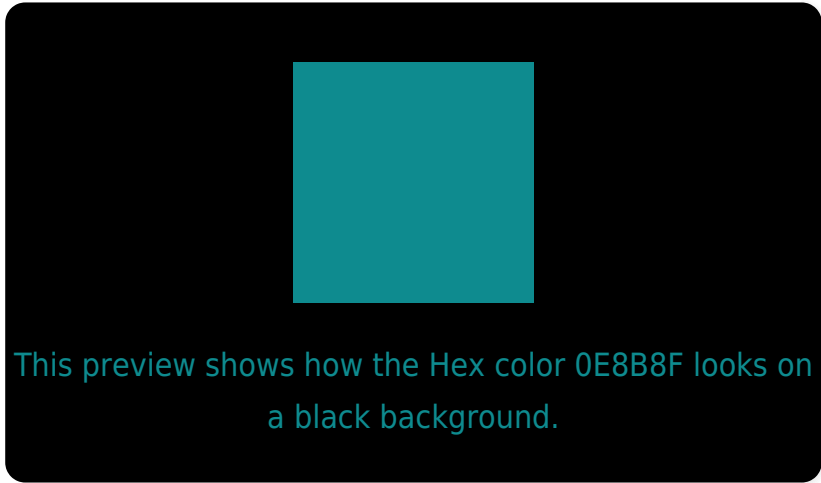
Large Text (above 18pt) WCAG AA ✓ Pass

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

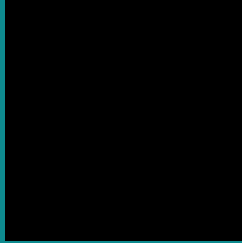
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0E8B8F Background



This preview shows how black text looks on a background with the Hex color 0E8B8F.

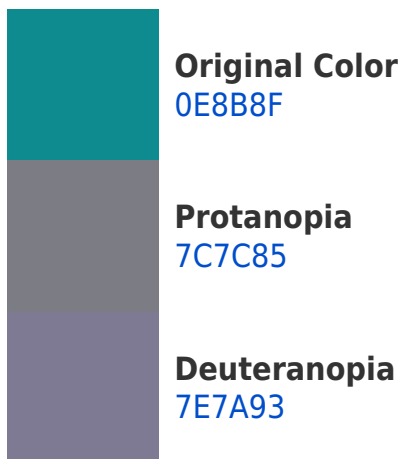


This preview shows how white text looks on a background with the Hex color 0E8B8F.

# 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**  
188A95

# Trichromacy



**Original Color**  
0E8B8F



**Protanomaly**  
548189



**Deuteranomaly**  
558092



**Tritanomaly**  
148A93

# Monochromacy



**Original Color**  
0E8B8F



**Achromatopsia**  
666666



**Achromatomaly**  
467375

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8B8F 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 #0E8B8F looks like.

```
.text, #text, p{  
    color:#0E8B8F  
}
```

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 #0E8B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8B8F
}
```

## Border

The CSS property to change the border of an element to Hex 0E8B8F 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
#0E8B8F }
```

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

```
.border{ border-color:#0E8B8F }
```

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

Here you see how a box with a 4 pixel #0E8B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8B8F; -webkit-box-shadow:4px 4px  
4px 4px #0E8B8F; box-shadow:4px 4px 4px  
4px #0E8B8F }
```

# Background

The CSS property to change the background color of an element to Hex 0E8B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8B8F }
```

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

```
.background{ background-color:#0E8B8F }
```

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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