

# Converting Colors

Hex(0E7F8D)

Have a look what the booklet for  
Hex(0E7F8D) contains.

<b>Hex(0E7F8D)</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(0E7F8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E7F8D
RGB	14, 127, 141
RGB Percent	5%, 50%, 55%
CMY	0.9451, 0.5020, 0.4471
CMYK	0.90, 0.10, 0.00, 0.45
HSL	187°, 82%, 30%
HSV	187°, 90%, 55%
XYZ	12.5782, 17.1952, 27.8554
YIQ	94.8090, -71.8420, -19.6020

# Conversions

## Conversions Part 2

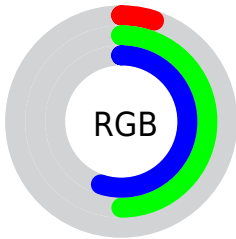
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 74, 141
Decimal	950157
CIELab	48.51, -23.24, -15.75
CIELCh	49, 28.074, 214.122
Yxy	17.1952, 0.2183, 0.2984
Android (android.graphics.Color)	4279140237 (0xFF0E7F8D)
YUV	94.8090, 22.7722, -70.8695
Hunter-Lab	41.4671, -18.4231, -10.8009

# Details

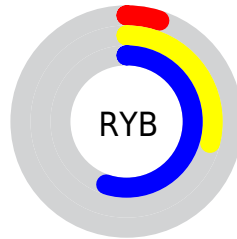
The Hex color **0E7F8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D1C0E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **58B4C3**, and **004D5B** is the 20% darker color. If you saturate the color by 10%, you get **007D8D**, and if you desaturate by 10%, it is **1C818D**.

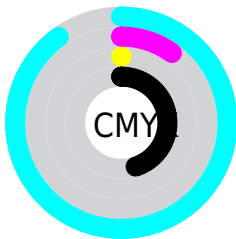
# Distribution



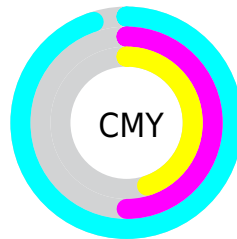
- Red (5%)
- Green (50%)
- Blue (55%)



- Red (5%)
- Yellow (29%)
- Blue (55%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E7F8D 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 0E7F8D by changing the saturation by 10% instead.



 0E7F8D

 0E7F8D

FFFFFF

 006673

 58B4C3

 004D5B

 75D0DF

 003643

 92ECFB

 00222D

 AFFFFFF

 000119


 CCFFFF

 000000

 EAFFFF

 0E7F8D

 0E7F8D

 007D8D

 1C818D

■ 2A828D

■ 38848D

■ 46858D

■ 55878D

■ 63888D

■ 718A8D

■ 7F8B8D

■ 8D8D8D

# Harmonies

## Analogous

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



298076



0E7F8D



2D7B9D

# Triad

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



0E7F8D



946488



807343

# Complementary

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



0E7F8D



8D1C0E

# 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.



946B49



0E7F8D



A06171

# Square

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



0E7F8D



7A6C9A



A0635A



667A4B

# Rectangle

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



0E7F8D



4977A2



A0635A



877044



# Sweetspot

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



0E7F8D



86B2B8



0E8D1B



3E595C



DBDBDB



5C5C5C



# Same Dimension

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



0E7F8D



00A3B8



0E418D



404747



007887



000708



# Inverse Universe

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



8D0E7F



B800A3



8D5A0E



474047



870078



080007



# Previews

## White Background



This preview shows how the Hex color 0E7F8D looks on a white 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

# Black Background



This preview shows how the Hex color 0E7F8D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

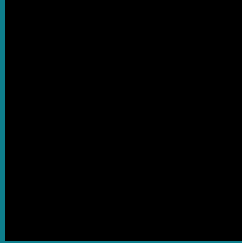
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0E7F8D Background



This preview shows how black text looks on a background with the Hex color 0E7F8D.

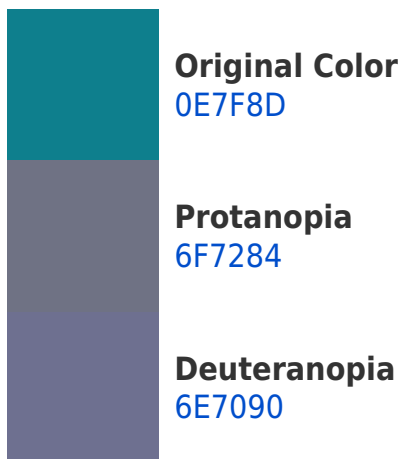


This preview shows how white text looks on a background with the Hex color 0E7F8D.

# 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



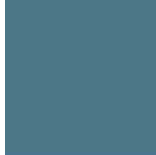


**Tritanopia**  
007F8A

# Trichromacy



**Original Color**  
0E7F8D



**Protanomaly**  
4C7787



**Deuteranomaly**  
4B758F



**Tritanomaly**  
057F8B

# Monochromacy



**Original Color**  
0E7F8D



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
426B70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E7F8D 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 #0E7F8D looks like.

```
.text, #text, p{  
    color:#0E7F8D  
}
```

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 #0E7F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E7F8D
}
```

## Border

The CSS property to change the border of an element to Hex 0E7F8D 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
#0E7F8D }
```

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

```
.border{ border-color:#0E7F8D }
```

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

Here you see how a box with a 4 pixel #0E7F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E7F8D; -webkit-box-shadow:4px 4px  
4px 4px #0E7F8D; box-shadow:4px 4px 4px  
4px #0E7F8D }
```

# Background

The CSS property to change the background color of an element to Hex 0E7F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E7F8D }
```

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

```
.background{ background-color:#0E7F8D }
```

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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