

# Converting Colors

Hex(0A7E8C)

Have a look what the booklet for  
Hex(0A7E8C) contains.

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# Color

**Hex(0A7E8C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A7E8C
RGB	10, 126, 140
RGB Percent	4%, 49%, 55%
CMY	0.9608, 0.5059, 0.4510
CMYK	0.93, 0.10, 0.00, 0.45
HSL	186°, 87%, 29%
HSV	186°, 93%, 55%
XYZ	12.3197, 16.8797, 27.4197
YIQ	92.9120, -73.6300, -20.2380

# Conversions

## Conversions Part 2

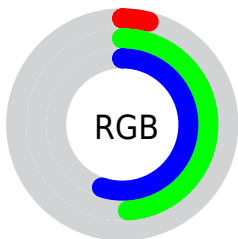
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 71, 140
Decimal	687756
CIELab	48.11, -23.29, -15.77
CIELCh	48, 28.123, 214.101
Yxy	16.8797, 0.2176, 0.2981
Android (android.graphics.Color)	4278877836 (0xFF0A7E8C)
YUV	92.9120, 23.2144, -72.7138
Hunter-Lab	41.0849, -18.3738, -10.8102

# Details

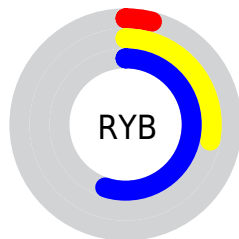
The Hex color **0A7E8C** is a dark color, and the websafe version is hex **006666**, and the color name is **metallic seaweed**. A complement of this color would be **8C180A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **56B3C2**, and **004D5A** is the 20% darker color. If you saturate the color by 10%, you get **007D8C**, and if you desaturate by 10%, it is **18808C**.

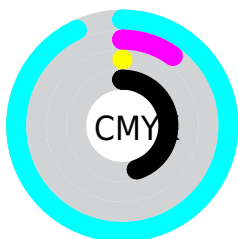
# Distribution



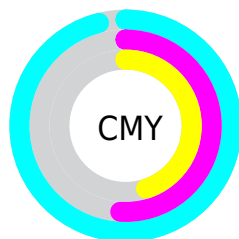
- Red (4%)
- Green (49%)
- Blue (55%)



- Red (4%)
- Yellow (28%)
- Blue (55%)



- Cyan (93%)
- Magenta (10%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A7E8C 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 0A7E8C by changing the saturation by 10% instead.



 0A7E8C

 0A7E8C

FFFFFF

 006572

 56B3C2

 004D5A

 74CFDD

 003542

 91EBFA

 00212C

 ADFFFF

 000118

 CBFFFF

 000000

 E8FFFF

 0A7E8C

 0A7E8C

 007D8C

 18808C

■ 26818C

■ 34838C

■ 42848C

■ 50868C

■ 5E878C

■ 6C898C

■ 7A8A8C

■ 888C8C

# Harmonies

## Analogous

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



287F75



0A7E8C



2B7A9C

# Triad

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



0A7E8C



936387



7F7242

# Complementary

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



0A7E8C



8C180A

# 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.



936A48



0A7E8C



9F6070

# Square

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



0A7E8C



796B9A



9F6259



65794A

# Rectangle

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



0A7E8C



4876A1



9F6259



866F43



# Sweetspot

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



0A7E8C



82B0B5



0A8C17



3D585C



DBDBDB



5C5C5C



# Same Dimension

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



0A7E8C



00A2B5



0A3E8C



3E4445



007685



000505



# Inverse Universe

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



8C0A7E



B500A2



8C580A



453E44



850076



050005



# Previews

## White Background



This preview shows how the Hex color 0A7E8C looks on a white background.

## Color Contrast Check

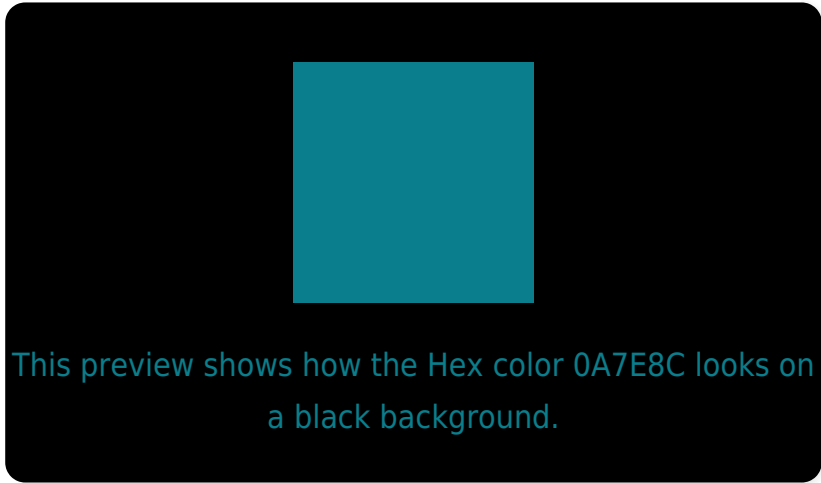
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

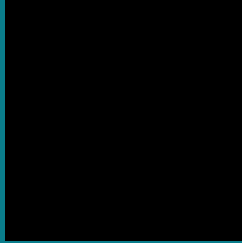
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A7E8C Background



This preview shows how black text looks on a background with the Hex color 0A7E8C.

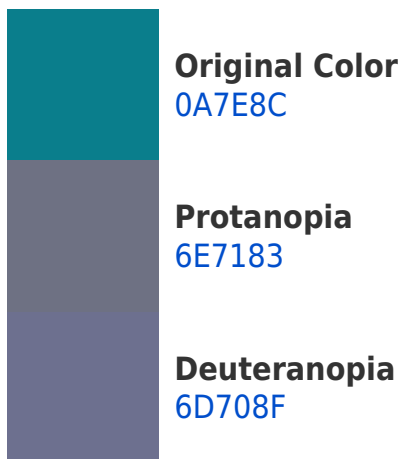


This preview shows how white text looks on a background with the Hex color 0A7E8C.

# 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**  
007E89

# Trichromacy



**Original Color**  
0A7E8C

**Protanomaly**  
4A7686

**Deuteranomaly**  
49758E

**Tritanomaly**  
047E8A

# Monochromacy



**Original Color**  
0A7E8C

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
3F696E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A7E8C 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 #0A7E8C looks like.

```
.text, #text, p{  
    color:#0A7E8C  
}
```

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 #0A7E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7E8C
}
```

## Border

The CSS property to change the border of an element to Hex 0A7E8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

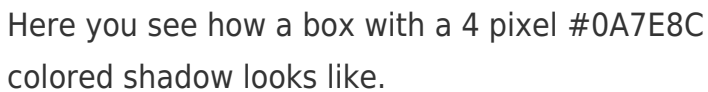
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A7E8C }
```

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

```
.border{ border-color:#0A7E8C }
```

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



Here you see how a box with a 4 pixel #0A7E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7E8C; -webkit-box-shadow:4px 4px  
4px 4px #0A7E8C; box-shadow:4px 4px 4px  
4px #0A7E8C }
```

# Background

The CSS property to change the background color of an element to Hex 0A7E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7E8C }
```

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

```
.background{ background-color:#0A7E8C }
```

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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