

# Converting Colors

Hex(0797A0)

Have a look what the booklet for  
Hex(0797A0) contains.

<b>Hex(0797A0)</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(0797A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0797A0
RGB	7, 151, 160
RGB Percent	3%, 59%, 63%
CMY	0.9725, 0.4078, 0.3725
CMYK	0.96, 0.06, 0.00, 0.37
HSL	184°, 92%, 33%
HSV	184°, 96%, 63%
XYZ	17.4994, 24.7165, 37.1061
YIQ	108.9700, -88.7130, -27.7290

# Conversions

## Conversions Part 2

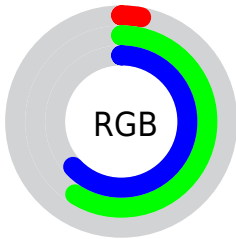
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 81, 160
Decimal	497568
CIELab	56.80, -29.34, -14.18
CIELCh	57, 32.589, 205.802
Yxy	24.7165, 0.2206, 0.3116
Android (android.graphics.Color)	4278687648 (0xFF0797A0)
YUV	108.9700, 25.1578, -89.4277
Hunter-Lab	49.7156, -24.1722, -9.4512

# Details

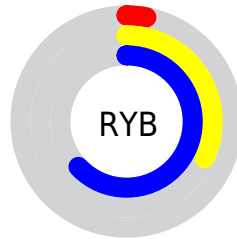
The Hex color **0797A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A01007**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5DCED7**, and **00636D** is the 20% darker color. If you saturate the color by 10%, you get **0097A0**, and if you desaturate by 10%, it is **1798A0**.

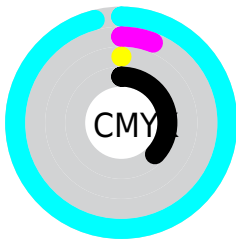
# Distribution



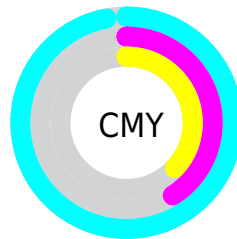
- Red (3%)
- Green (59%)
- Blue (63%)



- Red (3%)
- Yellow (32%)
- Blue (63%)



- Cyan (96%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (97%)
- Magenta (41%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0797A0 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 0797A0 by changing the saturation by 10% instead.



 0797A0

 0797A0

FFFFFF

 007D86

 5DCED7

 00636D

 7BEAF3

 004B54

 99FFFF

 00343D

 B7FFFF

 002127

 D5FFFF

 000113

 F3FFFF

 000000

 0797A0

 0797A0

 0097A0

 1798A0

 2799A0

 379AA0

 479BA0

 579CA0

 679DA0

 779EA0

 879FA0

 979FA0

# Harmonies

## Analogous

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



3A9783



0797A0



2193B6

# Triad

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



0797A0



A878A9



9E854F

# Complementary

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



0797A0



A01007

# 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.



B47B5A



0797A0



BC728D

# Square

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



0797A0



8682BB



BF7471



828E54

# Rectangle

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



0797A0



468FBF



BF7471



A78251



# Sweetspot

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



0797A0



94CED1



07A00F



446669



E8E8E8



696969

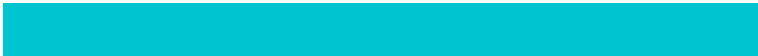


# Same Dimension

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



0797A0



00C5D1



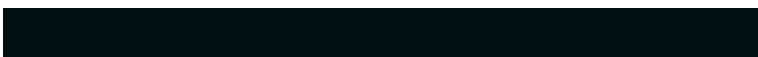
074CA0



474F4F



00868F



000E0F



# Inverse Universe

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



A00797



D100C5



A05B07



4F474F



8F0086



0F000E



# Previews

## White Background



This preview shows how the Hex color 0797A0 looks on a white background.

## Color Contrast Check

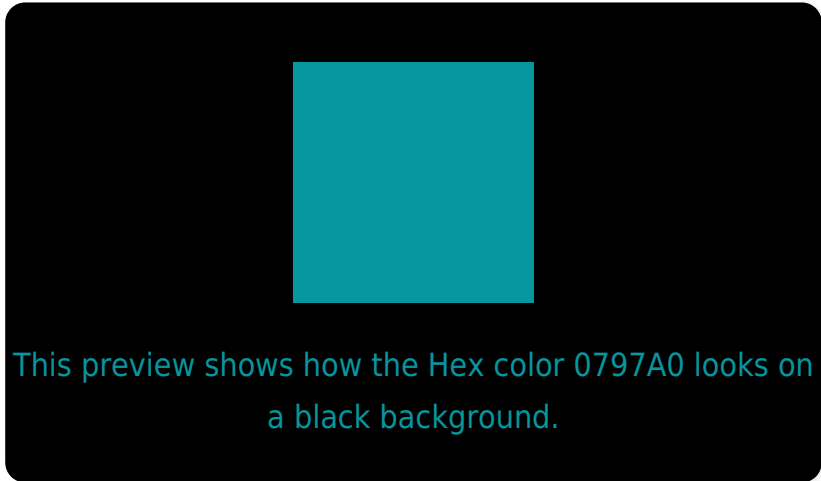
Large Text (above 18pt) WCAG AA ✓ Pass

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

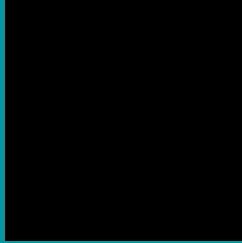
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0797A0 Background



This preview shows how black text looks on a background with the Hex color 0797A0.

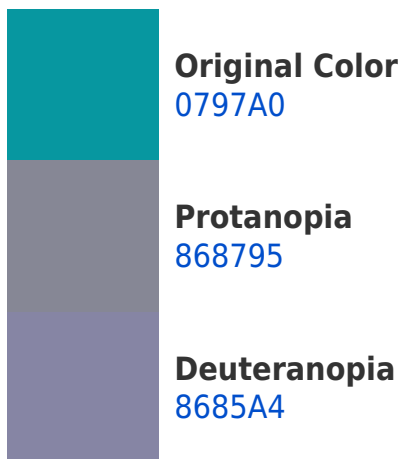


This preview shows how white text looks on a background with the Hex color 0797A0.

# 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**  
1097A3

# Trichromacy



**Original Color**  
0797A0



**Protanomaly**  
588D99



**Deuteranomaly**  
588CA3



**Tritanomaly**  
0D97A2

# Monochromacy



**Original Color**  
0797A0



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
487C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0797A0 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 #0797A0 looks like.

```
.text, #text, p{  
    color:#0797A0  
}
```

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 #0797A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0797A0
}
```

## Border

The CSS property to change the border of an element to Hex 0797A0 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
#0797A0 }
```

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

```
.border{ border-color:#0797A0 }
```

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

Here you see how a box with a 4 pixel #0797A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0797A0; -webkit-box-shadow:4px 4px  
4px 4px #0797A0; box-shadow:4px 4px 4px  
4px #0797A0 }
```

# Background

The CSS property to change the background color of an element to Hex 0797A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0797A0 }
```

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

```
.background{ background-color:#0797A0 }
```

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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