

# Converting Colors

Hex(0799AE)

Have a look what the booklet for  
Hex(0799AE) contains.

<b>Hex(0799AE)</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(0799AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0799AE
RGB	7, 153, 174
RGB Percent	3%, 60%, 68%
CMY	0.9725, 0.4000, 0.3176
CMYK	0.96, 0.12, 0.00, 0.32
HSL	188°, 92%, 35%
HSV	188°, 96%, 68%
XYZ	19.1188, 25.8836, 44.0328
YIQ	111.7400, -93.7570, -24.4210

# Conversions

## Conversions Part 2

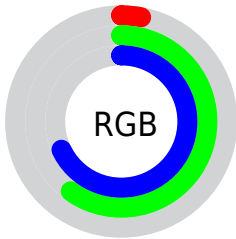
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	7, 85, 174
Decimal	498094
CIE Lab	57.93, -25.69, -20.44
CIE LCh	58, 32.827, 218.512
Yxy	25.8836, 0.2147, 0.2907
Android (android.graphics.Color)	4278688174 (0xFF0799AE)
YUV	111.7400, 30.6942, -91.8570
Hunter-Lab	50.8760, -21.9538, -15.7019

# Details

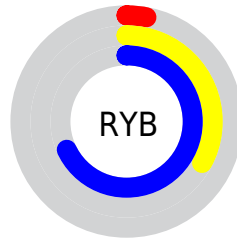
The Hex color **0799AE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE1C07**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5FD0E6**, and **00667A** is the 20% darker color. If you saturate the color by 10%, you get **0098AE**, and if you desaturate by 10%, it is **189BAE**.

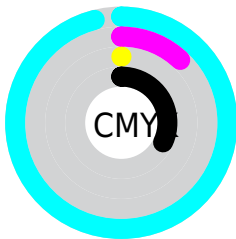
# Distribution



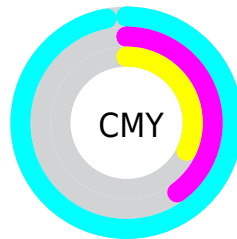
- Red (3%)
- Green (60%)
- Blue (68%)



- Red (3%)
- Yellow (33%)
- Blue (68%)



- Cyan (96%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (97%)
- Magenta (40%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0799AE 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 0799AE by changing the saturation by 10% instead.



 0799AE

 0799AE

FFFFFF

 007F93

 5FD0E6

 00667A

 7EECFE

 004D61

 9DFFFF

 003649

 BBFFFF

 002232

 D9FFFF

 00021E

 F7FFFF

 000000

 0799AE

 0799AE

 0098AE

 189BAE

■ 2A9DAE

■ 3BA0AE

■ 4DA2AE

■ 5EA4AE

■ 6FA6AE

■ 81A8AE

■ 92ABAE

■ A4ADAE

# Harmonies

## Analogous

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



299B93



0799AE



3C94C0

# Triad

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



0799AE



B678A1



968C52

# Complementary

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



0799AE



AE1C07

# 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.



AF8256



0799AE



C37584

# Square

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



0799AE



9981B8



C07969



77945D

# Rectangle

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



0799AE



5F8EC4



C07969



9F8951



# Sweetspot

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



0799AE



A1DBE3



07AE1A



4B6E73



F2F2F2



737373



# Same Dimension

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



0799AE



00C6E3



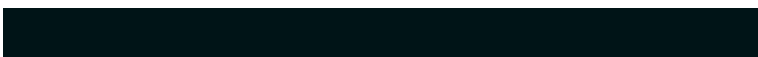
0747AE



4E5657



008496



001417



# Inverse Universe

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



AE0799



E300C6



AE6E07



574E56



960084



170014



# Previews

## White Background



This preview shows how the Hex color 0799AE looks on a white background.

## Color Contrast Check

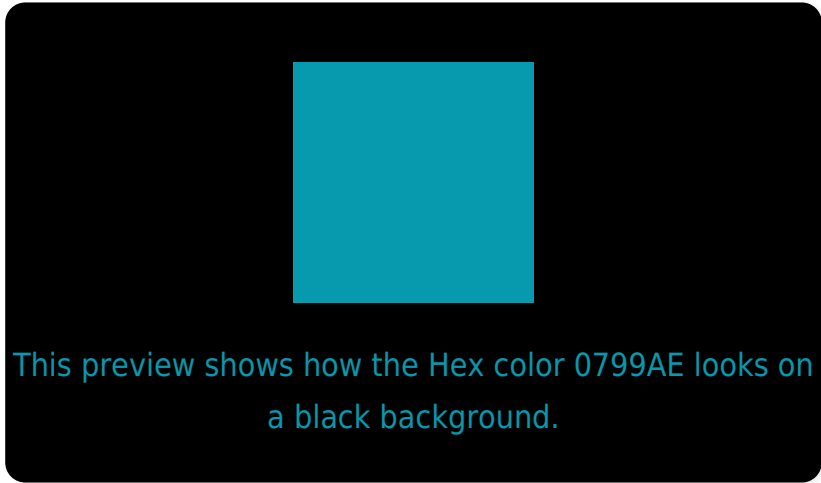
Large Text (above 18pt) WCAG AA ✓ Pass

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

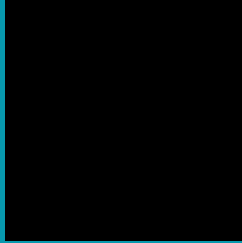
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0799AE Background



This preview shows how black text looks on a background with the Hex color 0799AE.

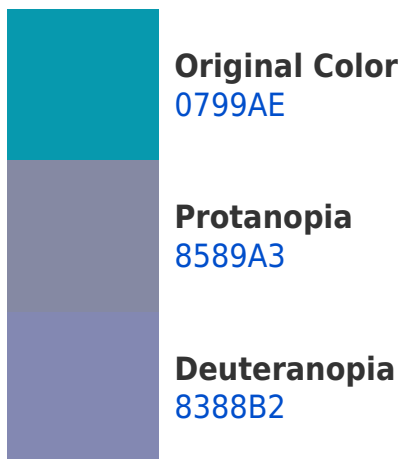


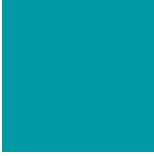
This preview shows how white text looks on a background with the Hex color 0799AE.

# 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**  
009AA6

# Trichromacy



**Original Color**  
0799AE



**Protanomaly**  
578FA7



**Deuteranomaly**  
568EB1



**Tritanomaly**  
039AA9

# Monochromacy



**Original Color**  
0799AE



**Achromatopsia**  
707070



**Achromatomaly**  
4A7F87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0799AE 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 #0799AE looks like.

```
.text, #text, p{  
    color:#0799AE  
}
```

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 #0799AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0799AE
}
```

## Border

The CSS property to change the border of an element to Hex 0799AE 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
#0799AE }
```

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

```
.border{ border-color:#0799AE }
```

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

Here you see how a box with a 4 pixel #0799AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0799AE; -webkit-box-shadow:4px 4px  
4px 4px #0799AE; box-shadow:4px 4px 4px  
4px #0799AE }
```

# Background

The CSS property to change the background color of an element to Hex 0799AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0799AE }
```

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

```
.background{ background-color:#0799AE }
```

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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