

# Converting Colors

Hex(0095AE)

Have a look what the booklet for  
Hex(0095AE) contains.

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**Color**

**Hex(0095AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0095AE
RGB	0, 149, 174
RGB Percent	0%, 58%, 68%
CMY	1.0000, 0.4157, 0.3176
CMYK	1.00, 0.14, 0.00, 0.32
HSL	189°, 100%, 34%
HSV	189°, 100%, 68%
XYZ	18.3874, 24.5509, 43.8141
YIQ	107.2990, -96.8290, -23.8130

# Conversions

## Conversions Part 2

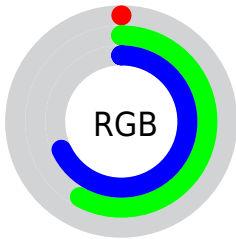
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 174
Decimal	38318
CIELab	56.64, -23.91, -22.42
CIELCh	57, 32.775, 223.166
Yxy	24.5509, 0.2120, 0.2830
Android (android.graphics.Color)	4278228398 (0xFF0095AE)
YUV	107.2990, 32.8836, -94.1012
Hunter-Lab	49.5488, -20.4697, -17.7436

# Details

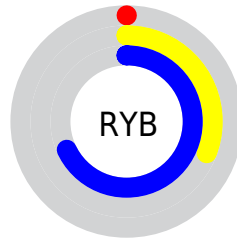
The Hex color **0095AE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE1900**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DCBE6**, and **00627A** is the 20% darker color. If you saturate the color by 10%, you get **0095AE**, and if you desaturate by 10%, it is **1198AE**.

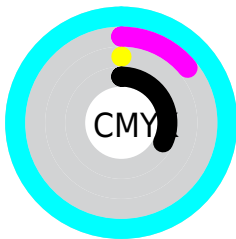
# Distribution



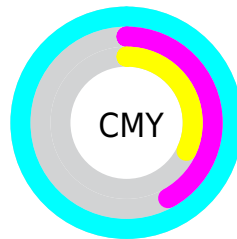
- Red (0%)
- Green (58%)
- Blue (68%)



- Red (0%)
- Yellow (31%)
- Blue (68%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (42%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0095AE 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 0095AE by changing the saturation by 10% instead.



 0095AE

 0095AE

FFFFFF

 007B93

 5DCBE6

 00627A

 7DE8FF

 004A61

 9BFFFF

 003349

 B9FFFF

 001F32


 D7FFFF

 00021D

 F5FFFF

 000000

 0095AE

 1198AE

 239AAE

 349CAE

 469FAE

 57A2AE

 68A4AE

 7AA7AE

 8BA9AE

 9DACAE

# Harmonies

## Analogous

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



1C9794



0095AE



408FBE

# Triad

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



0095AE



B57499



8E8A4F

# Complementary

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



0095AE



AE1900

# 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.



A88151



0095AE



BF727C

# Square

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



0095AE



9B7CB2



BA7762



6E925D

# Rectangle

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



0095AE



638AC0



BA7762



98874E



# Sweetspot

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



0095AE



9FD9E3



00AE17



496D73



F2F2F2



737373



# Same Dimension

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



0095AE



00C2E3



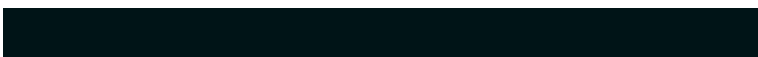
0040AE



4E5557



008196



001417



# Inverse Universe

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



AE0095



E300C2



AE6E00



574E55



960081



170014



# Previews

## White Background



This preview shows how the Hex color 0095AE looks on a white background.

## Color Contrast Check

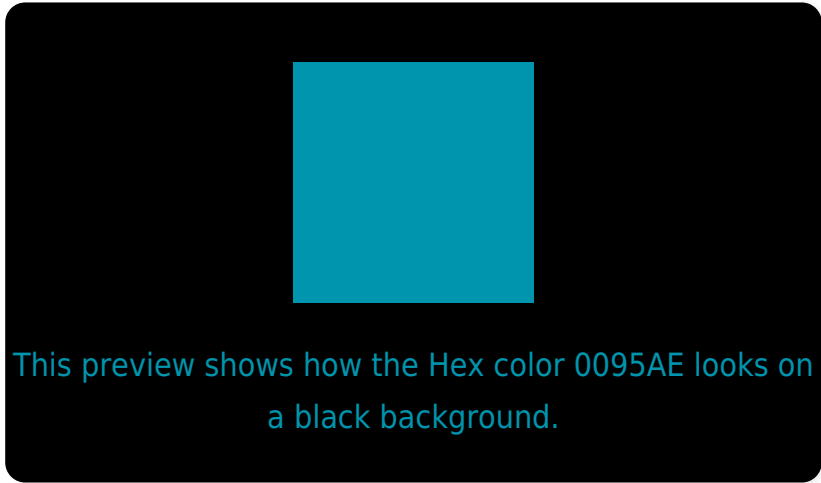
Large Text (above 18pt) WCAG AA ✓ Pass

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

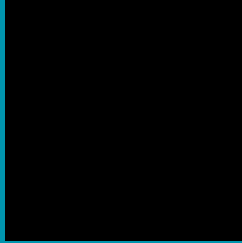
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0095AE Background



This preview shows how black text looks on a background with the Hex color 0095AE.

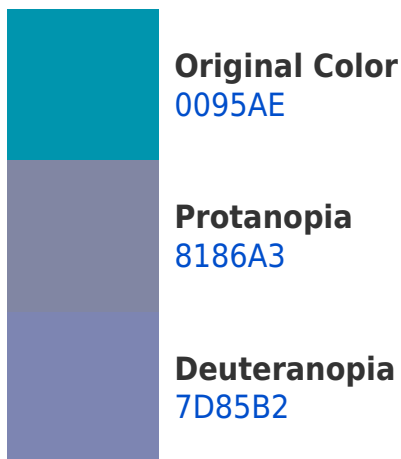


This preview shows how white text looks on a background with the Hex color 0095AE.

# 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**  
0096A2

# Trichromacy



**Original Color**  
0095AE

**Protanomaly**  
528BA7

**Deuteranomaly**  
508BB1

**Tritanomaly**  
0096A6

# Monochromacy



**Original Color**  
0095AE

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
447A83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0095AE 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 #0095AE looks like.

```
.text, #text, p{  
    color:#0095AE  
}
```

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 #0095AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095AE
}
```

## Border

The CSS property to change the border of an element to Hex 0095AE 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
#0095AE }
```

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

```
.border{ border-color:#0095AE }
```

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

Here you see how a box with a 4 pixel #0095AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095AE; -webkit-box-shadow:4px 4px  
4px 4px #0095AE; box-shadow:4px 4px 4px  
4px #0095AE }
```

# Background

The CSS property to change the background color of an element to Hex 0095AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095AE }
```

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

```
.background{ background-color:#0095AE }
```

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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