

# Converting Colors

Hex(0093AA)

Have a look what the booklet for  
Hex(0093AA) contains.

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# Color

Hex(0093AA)

# Conversions

## Conversions Part 1

Format	Color
Hex	0093AA
RGB	0, 147, 170
RGB Percent	0%, 58%, 67%
CMY	1.0000, 0.4235, 0.3333
CMYK	1.00, 0.14, 0.00, 0.33
HSL	188°, 100%, 33%
HSV	188°, 100%, 67%
XYZ	17.6894, 23.7697, 41.6859
YIQ	105.6690, -94.9950, -24.0110

# Conversions

## Conversions Part 2

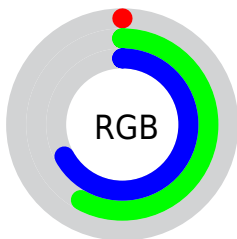
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 79, 170
Decimal	37802
CIELab	55.86, -24.26, -21.33
CIElCh	56, 32.303, 221.333
Yxy	23.7697, 0.2128, 0.2859
Android (android.graphics.Color)	4278227882 (0xFF0093AA)
YUV	105.6690, 31.7152, -92.6717
Hunter-Lab	48.7542, -20.5549, -16.5663

# Details

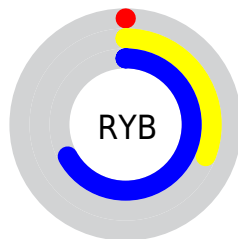
The Hex color **0093AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA1700**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5CC9E1**, and **006076** is the 20% darker color. If you saturate the color by 10%, you get **0093AA**, and if you desaturate by 10%, it is **1195AA**.

# Distribution



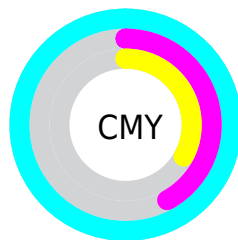
- Red (0%)
- Green (58%)
- Blue (67%)



- Red (0%)
- Yellow (31%)
- Blue (67%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (42%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0093AA 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 0093AA by changing the saturation by 10% instead.



 0093AA

 0093AA

FFFFFF

 00798F

 5CC9E1

 006076

 7BE5FE

 00485D

 99FFFF

 003145

 B7FFFF

 001E2F


 D5FFFF

 00011A

 F4FFFF

 000000

 0093AA

 1195AA

 2298AA

 339AAA

 449CAA

 559EAA

 66A1AA

 77A3AA

 88A5AA

 99A8AA

# Harmonies

## Analogous

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



209590



0093AA



3C8EBA

# Triad

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



0093AA



B17298



8E884E

# Complementary

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



0093AA



AA1700

# 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.



A77E51



0093AA



BC707C

# Square

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



0093AA



977BB0



B87562



6F8F5B

# Rectangle

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



0093AA



5F88BE



B87562



97854D



# Sweetspot

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



0093AA



9BD5DE



00AA17



486B70



F0F0F0



707070



# Same Dimension

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



0093AA



00CODE



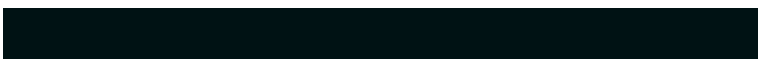
003EAA



4C5354



008094



001214



# Inverse Universe

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



AA0093



DE00C0



AA6C00



544C53



940080



140012



# Previews

## White Background



This preview shows how the Hex color 0093AA 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



This preview shows how the Hex color 0093AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

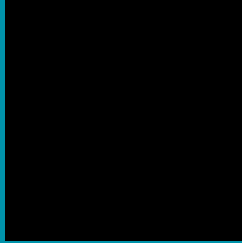
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0093AA Background



This preview shows how black text looks on a background with the Hex color 0093AA.



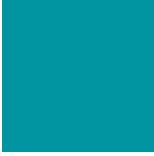
This preview shows how white text looks on a background with the Hex color 0093AA.

# 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**  
0094A0

# Trichromacy



**Original Color**  
0093AA



**Protanomaly**  
5189A4



**Deuteranomaly**  
4F89AD



**Tritanomaly**  
0094A4

# Monochromacy



**Original Color**  
0093AA



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
437981

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0093AA 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 #0093AA looks like.

```
.text, #text, p{  
    color:#0093AA  
}
```

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 #0093AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093AA
}
```

## Border

The CSS property to change the border of an element to Hex 0093AA 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
#0093AA }
```

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

```
.border{ border-color:#0093AA }
```

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

Here you see how a box with a 4 pixel #0093AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093AA; -webkit-box-shadow:4px 4px  
4px 4px #0093AA; box-shadow:4px 4px 4px  
4px #0093AA }
```

# Background

The CSS property to change the background color of an element to Hex 0093AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093AA }
```

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

```
.background{ background-color:#0093AA }
```

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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