

# Converting Colors

Hex(0093A7)

Have a look what the booklet for  
Hex(0093A7) contains.

<b>Hex(0093A7)</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(0093A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0093A7
RGB	0, 147, 167
RGB Percent	0%, 58%, 65%
CMY	1.0000, 0.4235, 0.3451
CMYK	1.00, 0.12, 0.00, 0.35
HSL	187°, 100%, 33%
HSV	187°, 100%, 65%
XYZ	17.4088, 23.6575, 40.2080
YIQ	105.3270, -94.0320, -24.9440

# Conversions

## Conversions Part 2

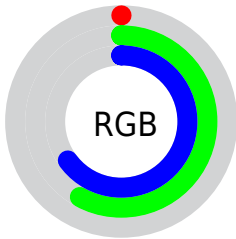
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 167
Decimal	37799
CIELab	55.74, -25.28, -19.79
CIELCh	56, 32.110, 218.053
Yxy	23.6575, 0.2142, 0.2911
Android (android.graphics.Color)	4278227879 (0xFF0093A7)
YUV	105.3270, 30.4048, -92.3718
Hunter-Lab	48.6389, -21.2297, -14.9656

# Details

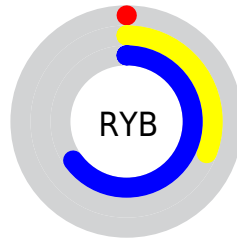
The Hex color **0093A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A71400**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5CC9DE**, and **006073** is the 20% darker color. If you saturate the color by 10%, you get **0093A7**, and if you desaturate by 10%, it is **1195A7**.

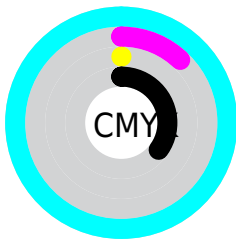
# Distribution



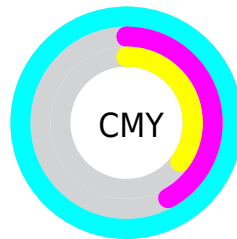
- Red (0%)
- Green (58%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (42%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0093A7 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 0093A7 by changing the saturation by 10% instead.



0093A7

0093A7

FFFFFF

00798D

5CC9DE

006073

7BE6FB

00485A

99FFFF

003143

B7FFFF

001E2D

D5FFFF

000118

F3FFFF

000000

0093A7

1195A7

 2197A7

 3299A7

 439BA7

 539DA7

 649FA7

 75A1A7

 86A3A7

 96A5A7

# Harmonies

## Analogous

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



26948C



0093A7



378EB9

# Triad

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



0093A7



AF739B



90864E

# Complementary

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



0093A7



A71400

# 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.



A97D52



0093A7



BB707F

# Square

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



0093A7



937CB2



B97465



728E59

# Rectangle

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



0093A7



5989BD



B97465



99834D



# Sweetspot

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



0093A7



98D1D9



00A713



46696E



EDEDED



6E6E6E



# Same Dimension

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



0093A7



00BFD9



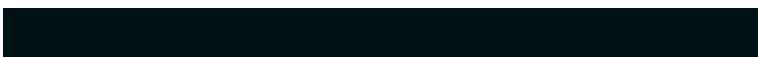
0040A7



4C5354



008294



001214



# Inverse Universe

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



A70093



D900BF



A76700



544C53



940082



140012



# Previews

## White Background



This preview shows how the Hex color 0093A7 looks on a white background.

## Color Contrast Check

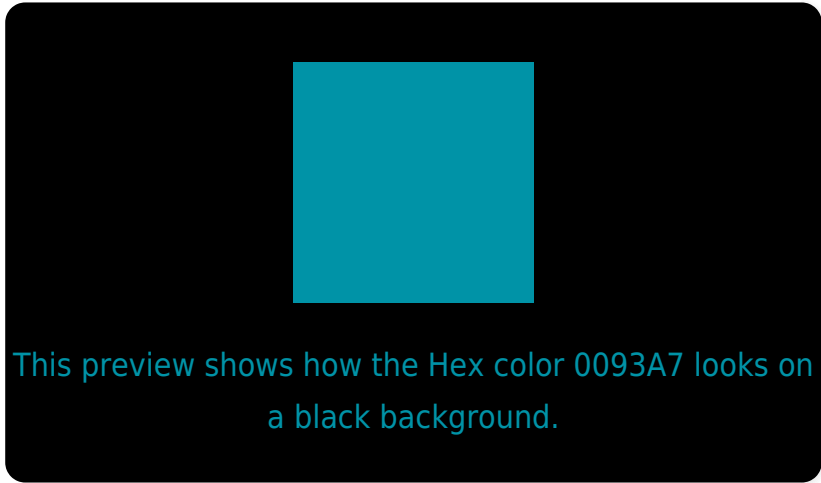
Large Text (above 18pt) WCAG AA ✓ Pass

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

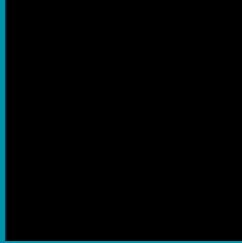
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0093A7 Background



This preview shows how black text looks on a background with the Hex color 0093A7.

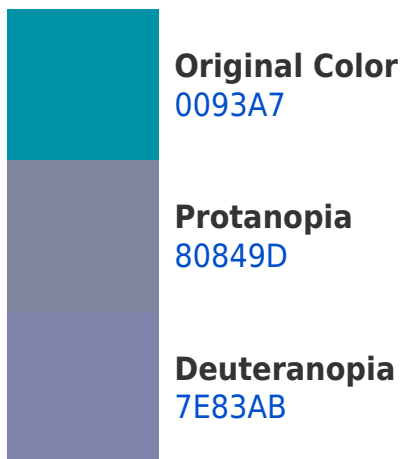


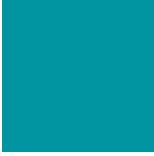
This preview shows how white text looks on a background with the Hex color 0093A7.

# 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



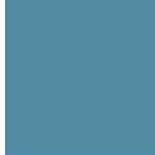


**Tritanopia**  
0094A0

# Trichromacy



**Original Color**  
0093A7



**Protanomaly**  
5189A1



**Deuteranomaly**  
5089AA



**Tritanomaly**  
0094A3

# Monochromacy



**Original Color**  
0093A7



**Achromatopsia**  
696969



**Achromatomaly**  
437880

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0093A7 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 #0093A7 looks like.

```
.text, #text, p{  
    color:#0093A7  
}
```

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 #0093A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093A7
}
```

## Border

The CSS property to change the border of an element to Hex 0093A7 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
#0093A7 }
```

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

```
.border{ border-color:#0093A7 }
```

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

Here you see how a box with a 4 pixel #0093A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093A7; -webkit-box-shadow:4px 4px  
4px 4px #0093A7; box-shadow:4px 4px 4px  
4px #0093A7 }
```

# Background

The CSS property to change the background color of an element to Hex 0093A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093A7 }
```

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

```
.background{ background-color:#0093A7 }
```

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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