

Converting Colors

Hex(0093A0)

Have a look what the booklet for
Hex(0093A0) contains.

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Color

Hex(0093A0)

Conversions

Conversions Part 1

Format	Color
Hex	0093A0
RGB	0, 147, 160
RGB Percent	0%, 58%, 63%
CMY	1.0000, 0.4235, 0.3725
CMYK	1.00, 0.08, 0.00, 0.37
HSL	185°, 100%, 31%
HSV	185°, 100%, 63%
XYZ	16.7789, 23.4055, 36.8911
YIQ	104.5290, -91.7850, -27.1210

Conversions

Conversions Part 2

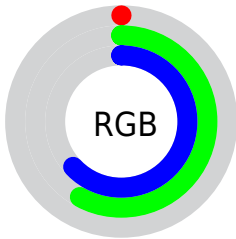
Format	Color
RYB	0, 77, 160
Decimal	37792
CIELab	55.49, -27.65, -16.17
CIELCh	55, 32.033, 210.325
Yxy	23.4055, 0.2177, 0.3037
Android (android.graphics.Color)	4278227872 (0xFF0093A0)
YUV	104.5290, 27.3472, -91.6719
Hunter-Lab	48.3792, -22.7563, -11.3455

Details

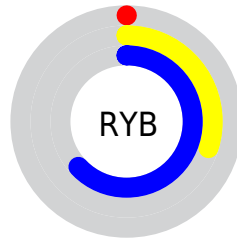
The Hex color **0093A0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A0D000**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5BC9D7**, and **00606D** is the 20% darker color. If you saturate the color by 10%, you get **0093A0**, and if you desaturate by 10%, it is **1094A0**.

Distribution



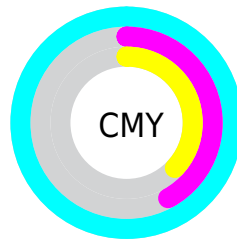
- Red (0%)
- Green (58%)
- Blue (63%)



- Red (0%)
- Yellow (30%)
- Blue (63%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)




- Cyan (100%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0093A0 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 0093A0 by changing the saturation by 10% instead.

 0093A0

 0093A0

FFFFFF

 007986

 5BC9D7

 00606D

 79E6F3

 004854

 97FFFF

 00313D

 B5FFFF

 001D27

 D3FFFF

 000112

 F1FFFF

 000000

 0093A0

 1094A0

 2096A0

 3097A0

 4098A0

 509AA0

 609BA0

 709CA0

 809DA0

 909FA0

Harmonies

Analogous

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



319484



0093A0



288FB4

Triad

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



0093A0



A874A1



97834D

Complementary

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



0093A0



A00D00

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.



AD7A55



0093A0



B96F86

Square

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



0093A0



887EB5



BA726A



7A8C54

Rectangle

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



0093A0



4C8ABB



BA726A



9F804E

Sweetspot

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



0093A0



92CCD1



00A00B



436569



E8E8E8



696969

Same Dimension

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



0093A0



00C0D1



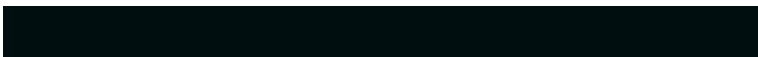
0045A0



474E4F



00838F



000E0F

Inverse Universe

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



A00093



D100C0



A05B00



4F474E



8F0083



0F000E

Previews

White Background



This preview shows how the Hex color 0093A0 looks on a white background.

Color Contrast Check

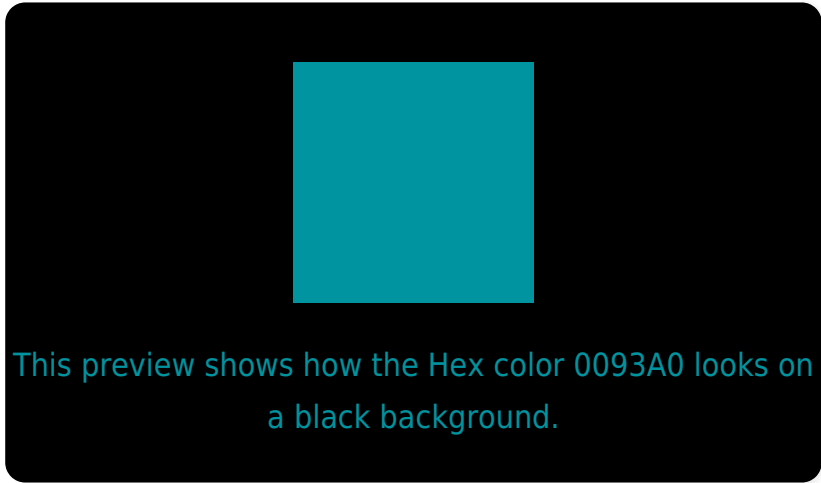
Large Text (above 18pt) WCAG AA ✓ Pass

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

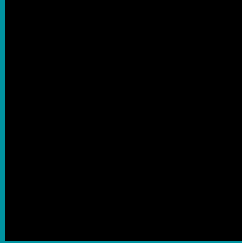
Any Text WCAG AA ✓ Pass

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 0093A0 Background



This preview shows how black text looks on a background with the Hex color 0093A0.

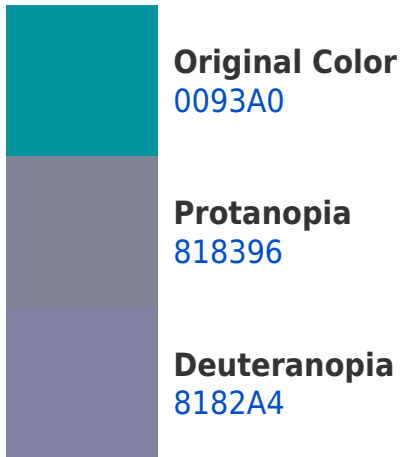


This preview shows how white text looks on a background with the Hex color 0093A0.

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
00939F

Trichromacy



Original Color
0093A0



Protanomaly
52899A



Deuteranomaly
5288A3



Tritanomaly
00939F

Monochromacy



Original Color
0093A0



Achromatopsia
696969



Achromatomaly
43787D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0093A0 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 #0093A0 looks like.

```
.text, #text, p{  
    color:#0093A0  
}
```

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 #0093A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0093A0
}
```

Border

The CSS property to change the border of an element to Hex 0093A0 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
#0093A0 }
```

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

```
.border{ border-color:#0093A0 }
```

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

Here you see how a box with a 4 pixel #0093A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0093A0; -webkit-box-shadow:4px 4px  
4px 4px #0093A0; box-shadow:4px 4px 4px  
4px #0093A0 }
```

Background

The CSS property to change the background color of an element to Hex 0093A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0093A0 }
```

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

```
.background{ background-color:#0093A0 }
```

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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