

Converting Colors

Hex(0093AB)

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

Hex(0093AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0093AB)

Conversions

Conversions Part 1

Format	Color
Hex	0093AB
RGB	0, 147, 171
RGB Percent	0%, 58%, 67%
CMY	1.0000, 0.4235, 0.3294
CMYK	1.00, 0.14, 0.00, 0.33
HSL	188°, 100%, 34%
HSV	188°, 100%, 67%
XYZ	17.7844, 23.8077, 42.1861
YIQ	105.7830, -95.3160, -23.7000

Conversions

Conversions Part 2

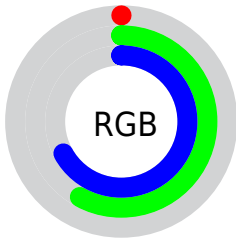
Format	Color
RYB	0, 79, 171
Decimal	37803
CIELab	55.89, -23.91, -21.85
CIELCh	56, 32.388, 222.417
Yxy	23.8077, 0.2123, 0.2842
Android (android.graphics.Color)	4278227883 (0xFF0093AB)
YUV	105.7830, 32.1520, -92.7717
Hunter-Lab	48.7931, -20.3273, -17.1064

Details

The Hex color **0093AB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB1800**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5DC9E2**, and **006077** is the 20% darker color. If you saturate the color by 10%, you get **0093AB**, and if you desaturate by 10%, it is **1195AB**.

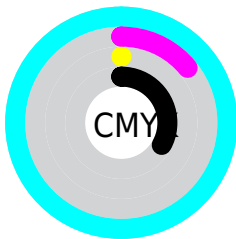
Distribution



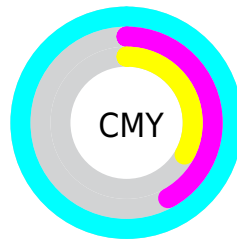
- Red (0%)
- Green (58%)
- Blue (67%)



- 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 0093AB 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 0093AB by changing the saturation by 10% instead.

 0093AB

 0093AB

FFFFFF

 007990

 5DC9E2

 006077

 7CE5FF

 00485E

 9AFFFF

 003146

 B8FFFF

 001E30


 D6FFFF

 00011B

 F4FFFF

 000000

 0093AB

 1195AB

 2298AB

 339AAB

 449DAB

 559FAB

 67A1AB

 78A4AB

 89A6AB

 9AA9AB

Harmonies

Analogous

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



1E9591



0093AB



3E8DBB

Triad

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



0093AB



B27298



8D884E

Complementary

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



0093AB



AB1800

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.



A77F51



0093AB



BD707B

Square

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



0093AB



987AB0



B87561



6E8F5B

Rectangle

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



0093AB



6088BE



B87561



96854D

Sweetspot

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



0093AB



9BD5DE



00AB17



486B70



F0F0F0



707070

Same Dimension

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



0093AB



00BFDE



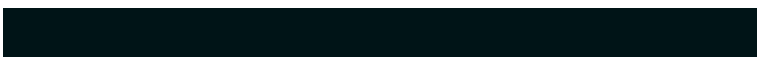
003FAB



4E5557



008196



001417

Inverse Universe

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



AB0093



DE00BF



AB6C00



574E55



960081



170014

Previews

White Background



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

Color Contrast Check

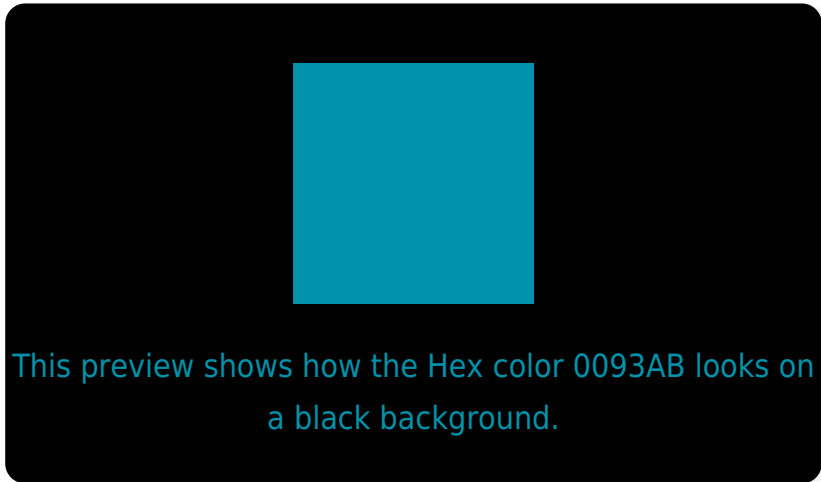
Large Text (above 18pt) WCAG AA ✓ Pass

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

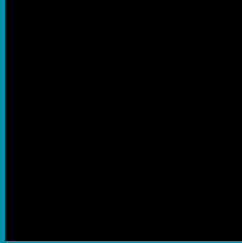
Any Text WCAG AA ✓ Pass

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 0093AB Background



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

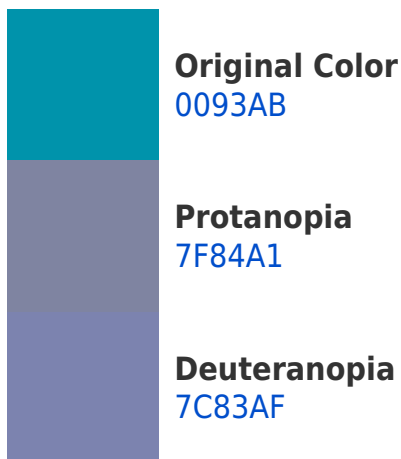


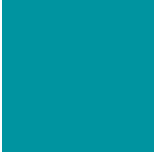
This preview shows how white text looks on a background with the Hex color 0093AB.

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
0093AB



Protanomaly
5189A5



Deuteranomaly
4F89AE



Tritanomaly
0094A4

Monochromacy



Original Color
0093AB



Achromatopsia
6A6A6A



Achromatomaly
437982

CSS Examples

Text

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

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

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 #0093AB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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