

Converting Colors

Hex(0C93AE)

Have a look what the booklet for
Hex(0C93AE) contains.

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Color

Hex(0C93AE)

Conversions

Conversions Part 1

Format	Color
Hex	0C93AE
RGB	12, 147, 174
RGB Percent	5%, 58%, 68%
CMY	0.9529, 0.4235, 0.3176
CMYK	0.93, 0.16, 0.00, 0.32
HSL	190°, 87%, 36%
HSV	190°, 93%, 68%
XYZ	18.2253, 24.0016, 43.7166
YIQ	109.7130, -89.1270, -20.2230

Conversions

Conversions Part 2

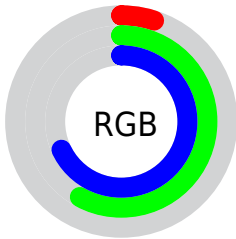
Format	Color
RYB	12, 86, 174
Decimal	824238
CIELab	56.09, -22.41, -23.25
CIELCh	56, 32.291, 226.064
Yxy	24.0016, 0.2121, 0.2793
Android (android.graphics.Color)	4279014318 (0xFF0C93AE)
YUV	109.7130, 31.6935, -85.6943
Hunter-Lab	48.9914, -19.3311, -18.6123

Details

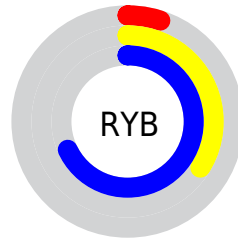
The Hex color **0C93AE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AE270C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **60C9E6**, and **00607A** is the 20% darker color. If you saturate the color by 10%, you get **0091AE**, and if you desaturate by 10%, it is **1D96AE**.

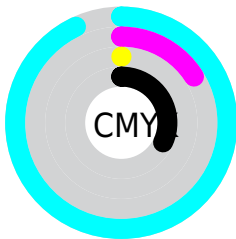
Distribution



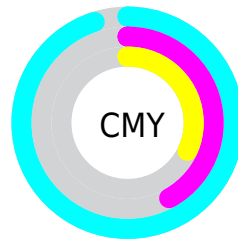
- Red (5%)
- Green (58%)
- Blue (68%)



- Red (5%)
- Yellow (34%)
- Blue (68%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (95%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C93AE 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 0C93AE by changing the saturation by 10% instead.

 0C93AE

 0C93AE

FFFFFF

 007993

 60C9E6

 00607A

 7EE5FF

 004861

 9CFFFF

 003149

 BAFFFF

 001E32

 D8FFFF

 00021D

 F7FFFF

 000000

 0C93AE

 0C93AE

 0091AE

 1D96AE

■ 2F99AE

■ 409CAE

■ 529FAE

■ 63A1AE

■ 74A4AE

■ 86A7AE

■ 97AAAE

■ A9ADAE

Harmonies

Analogous

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



199595



0C93AE



468DBC

Triad

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



0C93AE



B57295



8A8A50

Complementary

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



0C93AE



AE270C

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.



A48050



0C93AE



BD7178

Square

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



0C93AE



9C7AAE



B7775F



6A915F

Rectangle

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



0C93AE



6787BE



B7775F



93874E

Sweetspot

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



0C93AE



A3D8E3



0CAE27



4C6C73



F2F2F2



737373

Same Dimension

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



0C93AE



00BDE3



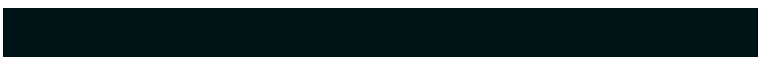
0C42AE



4E5557



007D96



001317

Inverse Universe

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



AE0C93



E300BD



AE780C



574E55



96007D



170013

Previews

White Background



This preview shows how the Hex color 0C93AE looks on a white background.

Color Contrast Check

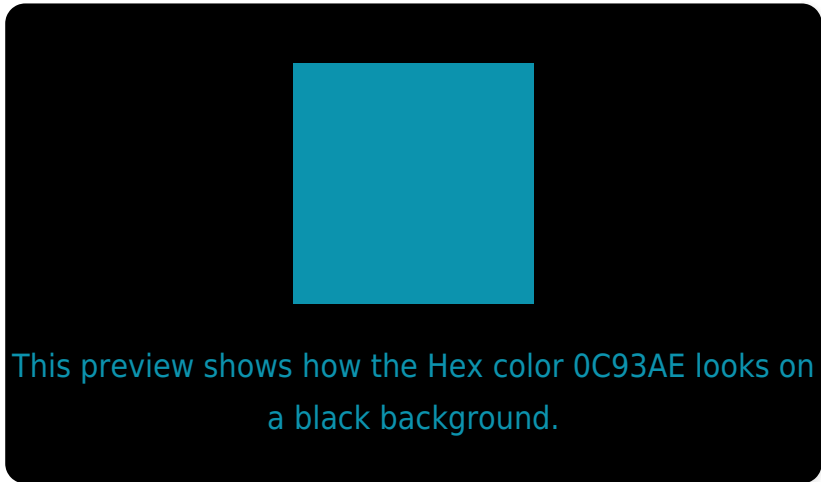
Large Text (above 18pt) WCAG AA ✓ Pass

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

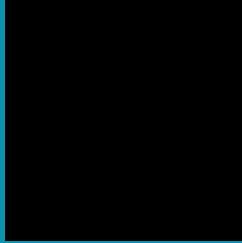
Any Text WCAG AA ✓ Pass

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 0C93AE Background



This preview shows how black text looks on a background with the Hex color 0C93AE.

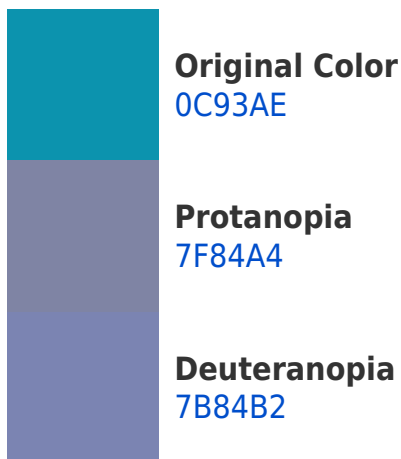


This preview shows how white text looks on a background with the Hex color 0C93AE.

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](#).

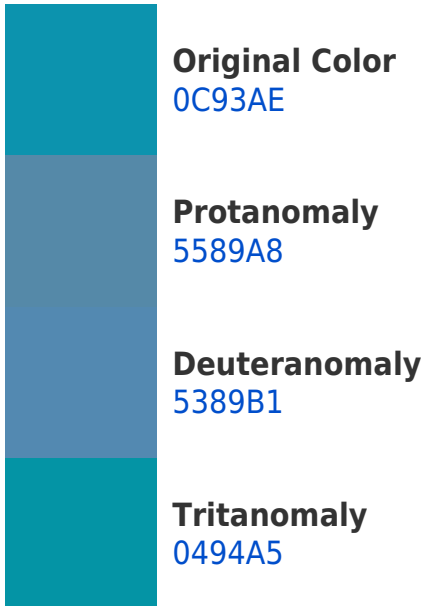
Dichromacy





Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0C93AE 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 #0C93AE looks like.

```
.text, #text, p{  
    color:#0C93AE  
}
```

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 #0C93AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C93AE
}
```

Border

The CSS property to change the border of an element to Hex 0C93AE 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
#0C93AE }
```

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

```
.border{ border-color:#0C93AE }
```

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

Here you see how a box with a 4 pixel #0C93AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C93AE; -webkit-box-shadow:4px 4px  
4px 4px #0C93AE; box-shadow:4px 4px 4px  
4px #0C93AE }
```

Background

The CSS property to change the background color of an element to Hex 0C93AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C93AE }
```

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

```
.background{ background-color:#0C93AE }
```

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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