

# Converting Colors

Hex(0AA3CE)

Have a look what the booklet for  
Hex(0AA3CE) contains.

<b>Hex(0AA3CE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(0AA3CE)

# Conversions

## Conversions Part 1

Format	Color
Hex	0AA3CE
RGB	10, 163, 206
RGB Percent	4%, 64%, 81%
CMY	0.9608, 0.3608, 0.1922
CMYK	0.95, 0.21, 0.00, 0.19
HSL	193°, 91%, 42%
HSV	193°, 95%, 81%
XYZ	24.3629, 30.7151, 63.0371
YIQ	122.1550, -104.9910, -19.0630

# Conversions

## Conversions Part 2

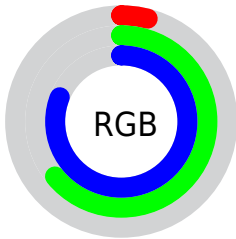
Format	Color
<b>RYB</b>	10, 96, 206
Decimal	697294
CIELab	62.27, -19.74, -31.75
CIELCh	62, 37.385, 238.127
Yxy	30.7151, 0.2063, 0.2600
Android (android.graphics.Color)	4278887374 (0xFF0AA3CE)
YUV	122.1550, 41.3356, -98.3599
Hunter-Lab	55.4212, -18.5193, -28.6426

# Details

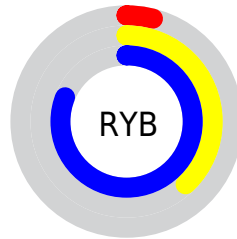
The Hex color **0AA3CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CE350A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **67DAFF**, and **006F98** is the 20% darker color. If you saturate the color by 10%, you get **00A1CE**, and if you desaturate by 10%, it is **1FA8CE**.

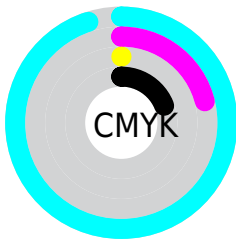
# Distribution



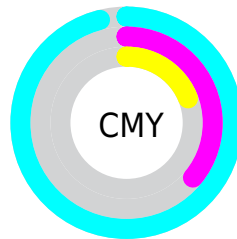
- Red (4%)
- Green (64%)
- Blue (81%)



- Red (4%)
- Yellow (38%)
- Blue (81%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)



- Cyan (96%)
- Magenta (36%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AA3CE 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 0AA3CE by changing the saturation by 10% instead.



 0AA3CE

 0AA3CE

FFFFFF

 0089B2

 67DAFF

 006F98

 87F7FF

 00577D

 A6FFFF


 003F64

 C5FFFF

 00294C

 E4FFFF

 001235

 00021F

 000003

 000000

0AA3CE

0AA3CE

00A1CE

1FA8CE

33ACCE

48B1CE

5CB5CE

71BACE

86BECE

9AC3CE

AFC7CE

C3CCCE

# Harmonies

## Analogous

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



00A7B5



0AA3CE



609AD8

# Triad

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



0AA3CE



D37C9A



8C9E5B

# Complementary

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



0AA3CE



CE350A

# 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.



AE9453



0AA3CE



D67F79

# Square

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



0AA3CE



BE83BA



C8885F



64A572

# Rectangle

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



0AA3CE



8693D5



C8885F



989B56

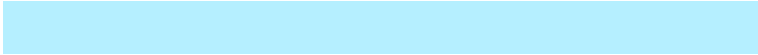


# Sweetspot

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



0AA3CE



B5EFFF



0ACE34



537680



000000



808080

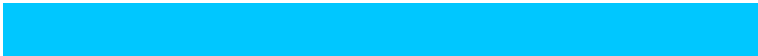


# Same Dimension

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



0AA3CE



00C7FF



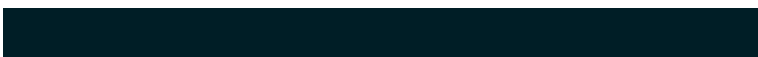
0A42CE



5C6466



0081A6



001E26



# Inverse Universe

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



CE0AA3



FF00C7



CE960A



665C64



A60081



26001E



# Previews

## White Background



This preview shows how the Hex color 0AA3CE looks on a white background.

## Color Contrast Check

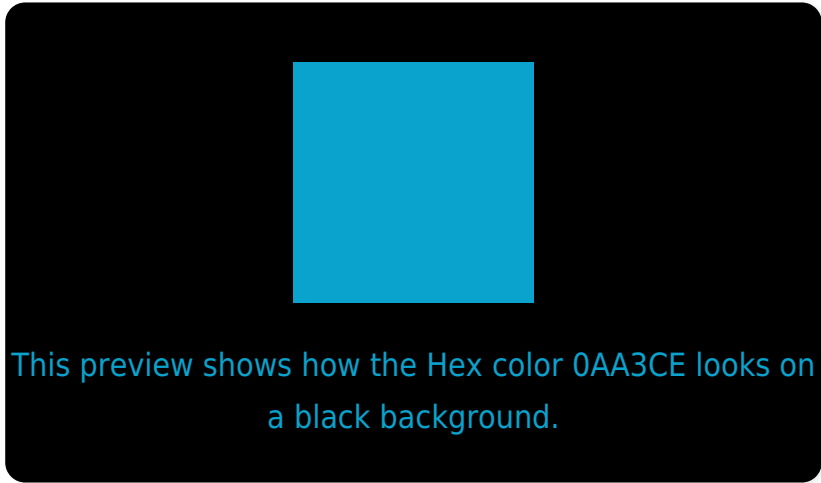
Large Text (above 18pt) WCAG AA × Fail

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

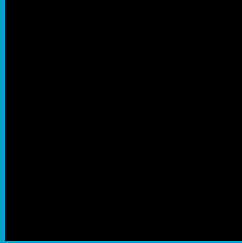
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0AA3CE Background



This preview shows how black text looks on a background with the Hex color 0AA3CE.

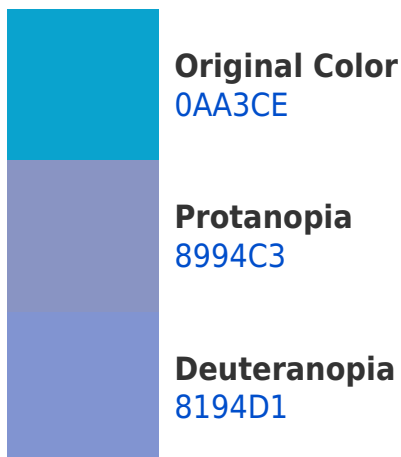


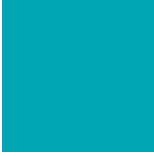
This preview shows how white text looks on a background with the Hex color 0AA3CE.

# 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](#).

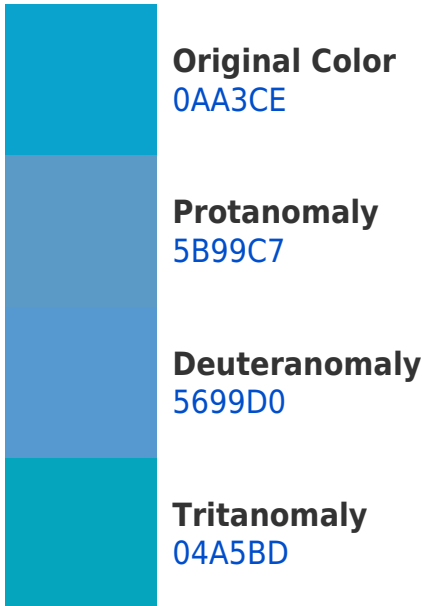
## Dichromacy



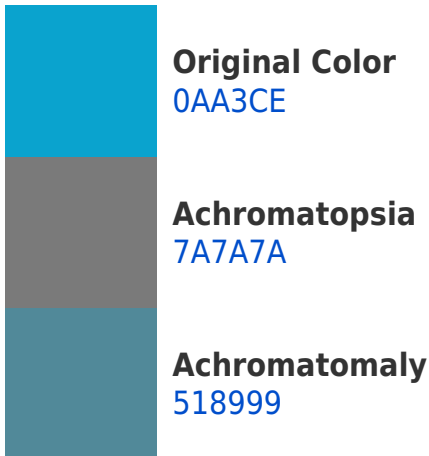


**Tritanopia**  
00A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AA3CE 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 #0AA3CE looks like.

```
.text, #text, p{  
    color:#0AA3CE  
}
```

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 #0AA3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AA3CE
}
```

## Border

The CSS property to change the border of an element to Hex 0AA3CE 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
#0AA3CE }
```

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

```
.border{ border-color:#0AA3CE }
```

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

Here you see how a box with a 4 pixel #0AA3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AA3CE; -webkit-box-shadow:4px 4px  
4px 4px #0AA3CE; box-shadow:4px 4px 4px  
4px #0AA3CE }
```

# Background

The CSS property to change the background color of an element to Hex 0AA3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AA3CE }
```

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

```
.background{ background-color:#0AA3CE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor