

# Converting Colors

Hex(0E9CAA)

Have a look what the booklet for  
Hex(0E9CAA) contains.

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# Color

**Hex(0E9CAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E9CAA
RGB	14, 156, 170
RGB Percent	5%, 61%, 67%
CMY	0.9451, 0.3882, 0.3333
CMYK	0.92, 0.08, 0.00, 0.33
HSL	185°, 85%, 36%
HSV	185°, 92%, 67%
XYZ	19.3253, 26.7726, 42.1793
YIQ	115.1380, -89.1260, -25.7500

# Conversions

## Conversions Part 2

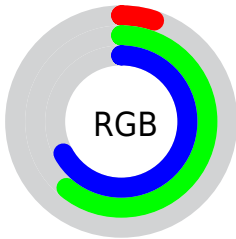
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 88, 170
Decimal	957610
CIELab	58.76, -28.24, -16.89
CIELCh	59, 32.909, 210.885
Yxy	26.7726, 0.2189, 0.3033
Android (android.graphics.Color)	4279147690 (0xFF0E9CAA)
YUV	115.1380, 27.0470, -88.6980
Hunter-Lab	51.7422, -23.8807, -12.1125

# Details

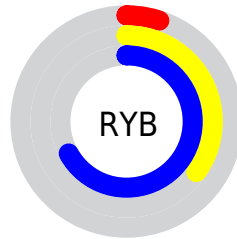
The Hex color **0E9CAA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA1C0E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **61D3E1**, and **006876** is the 20% darker color. If you saturate the color by 10%, you get **009BAA**, and if you desaturate by 10%, it is **1F9EAA**.

# Distribution



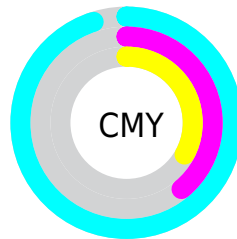
- Red (5%)
- Green (61%)
- Blue (67%)



- Red (5%)
- Yellow (35%)
- Blue (67%)



- Cyan (92%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (39%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E9CAA 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 0E9CAA by changing the saturation by 10% instead.



 0E9CAA

 0E9CAA

FFFFFF

 008290

 61D3E1

 006876

 7FEFFE

 00505D

 9EFFFF

 003846

 BBFFFF

 00232F

 DAFFFF

 00011B

 F8FFFF

 000000

 0E9CAA

 0E9CAA

 009BAA

 1F9EAA

 309FAA

 41A1AA

 52A2AA

 63A4AA

 74A5AA

 85A7AA

 96A8AA

 A7AAAA

# Harmonies

## Analogous

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



379D8D



0E9CAA



3198BF

# Triad

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



0E9CAA



B27CAA



A08C53

# Complementary

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



0E9CAA



AA1C0E

# 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.



B7825C



0E9CAA



C3778E

# Square

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



0E9CAA



9286BF



C47A71



81945B

# Rectangle

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



0E9CAA



5493C6



C47A71



A88954



# Sweetspot

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



0E9CAA



A0D8DE



0EAA1B



4A6D70



F0F0F0



707070



# Same Dimension

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



0E9CAA



00CADE



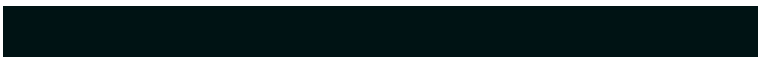
0E4FAA



4C5354



008794



001314



# Inverse Universe

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



AA0E9C



DE00CA



AA690E



544C53



940087



140013



# Previews

## White Background



This preview shows how the Hex color 0E9CAA looks on a white background.

## Color Contrast Check

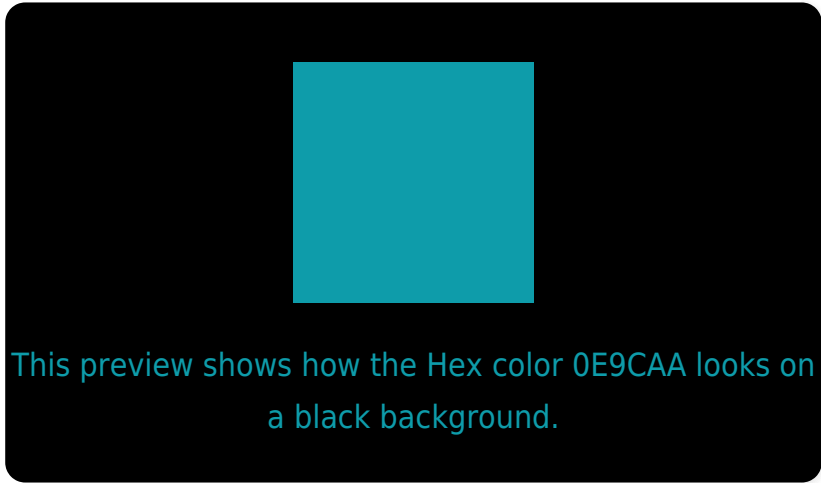
Large Text (above 18pt) WCAG AA ✓ Pass

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

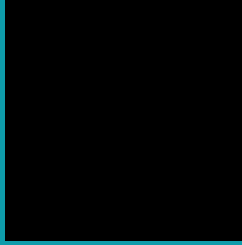
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0E9CAA Background



This preview shows how black text looks on a background with the Hex color 0E9CAA.

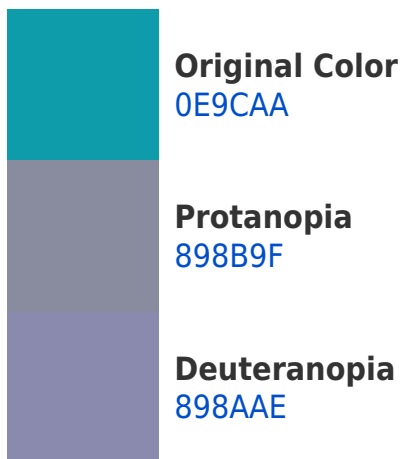


This preview shows how white text looks on a background with the Hex color 0E9CAA.

# 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**  
0A9CA9

# Trichromacy



**Original Color**  
0E9CAA



**Protanomaly**  
5C91A3



**Deuteranomaly**  
5C91AD



**Tritanomaly**  
0B9CA9

# Monochromacy



**Original Color**  
0E9CAA



**Achromatopsia**  
737373



**Achromatomaly**  
4E8287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E9CAA 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 #0E9CAA looks like.

```
.text, #text, p{  
    color:#0E9CAA  
}
```

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 #0E9CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E9CAA
}
```

## Border

The CSS property to change the border of an element to Hex 0E9CAA 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
#0E9CAA }
```

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

```
.border{ border-color:#0E9CAA }
```

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

Here you see how a box with a 4 pixel #0E9CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E9CAA; -webkit-box-shadow:4px 4px  
4px 4px #0E9CAA; box-shadow:4px 4px 4px  
4px #0E9CAA }
```

# Background

The CSS property to change the background color of an element to Hex 0E9CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E9CAA }
```

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

```
.background{ background-color:#0E9CAA }
```

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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