

# Converting Colors

Hex(0CAAC9)

Have a look what the booklet for  
Hex(0CAAC9) contains.

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# **Color**

**Hex(0CAAC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CAAC9
RGB	12, 170, 201
RGB Percent	5%, 67%, 79%
CMY	0.9529, 0.3333, 0.2118
CMYK	0.94, 0.15, 0.00, 0.21
HSL	190°, 89%, 42%
HSV	190°, 94%, 79%
XYZ	25.0690, 33.0447, 60.3153
YIQ	126.2920, -104.1190, -23.8550

# Conversions

## Conversions Part 2

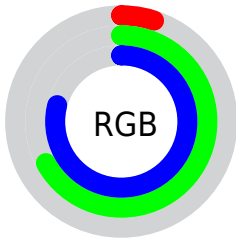
Format	Color
<a href="#">RYB</a>	<a href="#">12, 98, 201</a>
Decimal	<a href="#">830153</a>
CIELab	<a href="#">64.20, -25.02, -25.98</a>
CIELCh	<a href="#">64, 36.074, 226.079</a>
Yxy	<a href="#">33.0447, 0.2117, 0.2790</a>
Android (android.graphics.Color)	<a href="#">4279020233</a> ( <a href="#">0xFF0CAAC9</a> )
YUV	<a href="#">126.2920, 36.8310, -100.2341</a>
Hunter-Lab	<a href="#">57.4845, -22.7541, -21.9706</a>

# Details

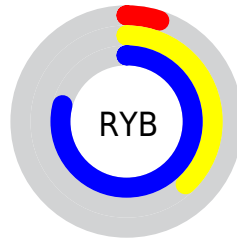
The Hex color **0CAAC9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C92B0C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **67E2FF**, and **007693** is the 20% darker color. If you saturate the color by 10%, you get **00A8C9**, and if you desaturate by 10%, it is **20ADC9**.

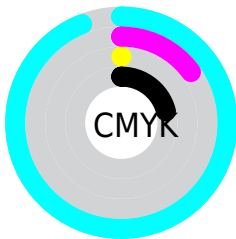
# Distribution



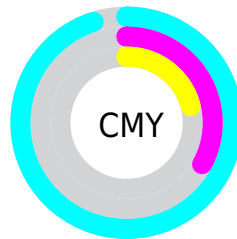
- Red (5%)
- Green (67%)
- Blue (79%)



- Red (5%)
- Yellow (38%)
- Blue (79%)



- Cyan (94%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (95%)
- Magenta (33%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CAAC9 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 0CAAC9 by changing the saturation by 10% instead.



 0CAAC9

 0CAAC9

FFFFFF

 008FAE

 67E2FF

 007693

 87FEFF

 005D79

 A6FFFF

 004560

 C5FFFF

 002E48

 E4FFFF

 001932

 00021C

 000000

 0CAAC9

 0CAAC9

00A8C9

20ADC9

34B1C9

48B4C9

5CB7C9

71BAC9

85BEC9

99C1C9

ADC4C9

C1C8C9

# Harmonies

## Analogous

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



1DADAC



0CAAC9



51A3D9

# Triad

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



0CAAC9



D184AC



9F9F5D

# Complementary

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



0CAAC9



C92B0C

# 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.



BE945D



0CAAC9



DA838B

# Square

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



0CAAC9



B58DC8



D38A6F



7BA76E

# Rectangle

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



0CAAC9



779DDB



D38A6F



AA9C5B

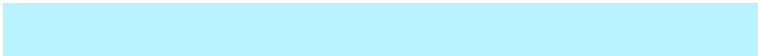


# Sweetspot

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



0CAAC9



B8F3FF



0CC928



547880



000000



808080

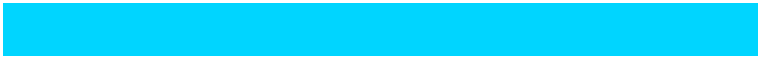


# Same Dimension

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



0CAAC9



00D5FF



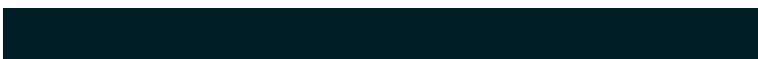
0C4EC9



5A6263



0088A3



001E24



# Inverse Universe

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



C90CAA



FF00D5



C9870C



635A62



A30088

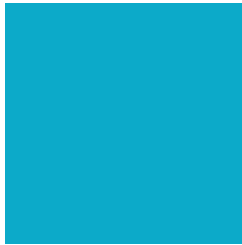


24001E



# Previews

## White Background



This preview shows how the Hex color 0CAAC9 looks on a white background.

## Color Contrast Check

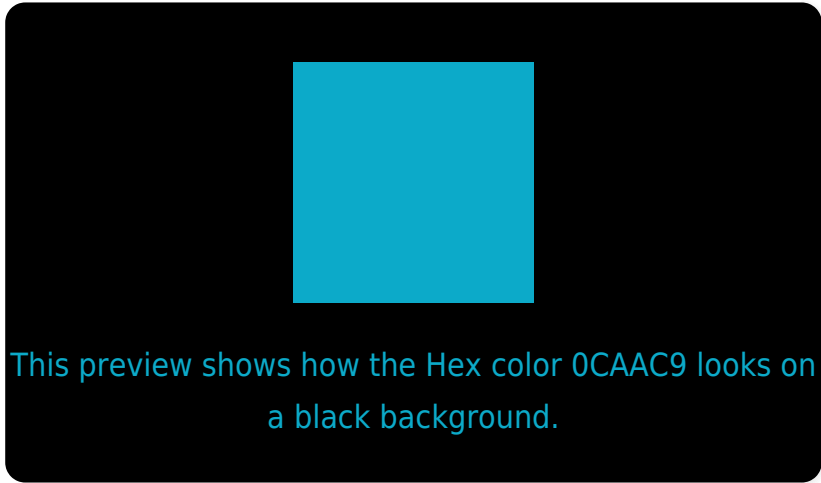
Large Text (above 18pt) WCAG AA × Fail

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

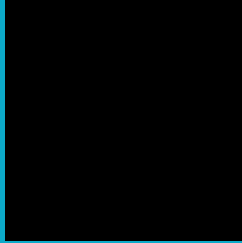
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0CAAC9 Background



This preview shows how black text looks on a background with the Hex color 0CAAC9.

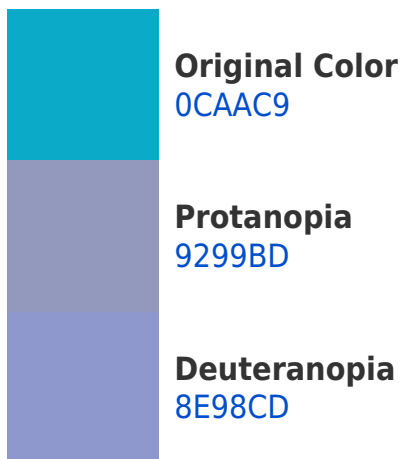


This preview shows how white text looks on a background with the Hex color 0CAAC9.

# 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





# Trichromacy



**Original Color**  
0CAAC9



**Protanomaly**  
619FC1



**Deuteranomaly**  
5F9FCC



**Tritanomaly**  
04ABBF

# Monochromacy



**Original Color**  
0CAAC9



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
558E99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CAAC9 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 #0CAAC9 looks like.

```
.text, #text, p{  
    color:#0CAAC9  
}
```

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 #0CAAC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CAAC9
}
```

## Border

The CSS property to change the border of an element to Hex 0CAAC9 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
#0CAAC9 }
```

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

```
.border{ border-color:#0CAAC9 }
```

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

Here you see how a box with a 4 pixel #0CAAC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CAAC9; -webkit-box-shadow:4px 4px  
4px 4px #0CAAC9; box-shadow:4px 4px 4px  
4px #0CAAC9 }
```

# Background

The CSS property to change the background color of an element to Hex 0CAAC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CAAC9 }
```

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

```
.background{ background-color:#0CAAC9 }
```

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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