

Converting Colors

Hex(0CA1C3)

Have a look what the booklet for
Hex(0CA1C3) contains.

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Color

Hex(0CA1C3)

Conversions

Conversions Part 1

Format	Color
Hex	0CA1C3
RGB	12, 161, 195
RGB Percent	5%, 63%, 76%
CMY	0.9529, 0.3686, 0.2353
CMYK	0.94, 0.17, 0.00, 0.24
HSL	191°, 88%, 41%
HSV	191°, 94%, 76%
XYZ	22.7468, 29.5080, 56.1265
YIQ	120.3250, -99.7180, -21.0140

Conversions

Conversions Part 2

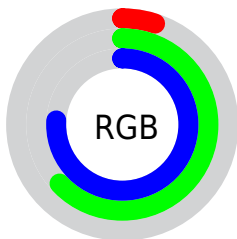
Format	Color
RYB	12, 94, 195
Decimal	827843
CIELab	61.23, -22.45, -27.21
CIELCh	61, 35.274, 230.480
Yxy	29.5080, 0.2099, 0.2723
Android (android.graphics.Color)	4279017923 (0xFF0CA1C3)
YUV	120.3250, 36.8148, -95.0010
Hunter-Lab	54.3213, -20.3161, -23.2354

Details

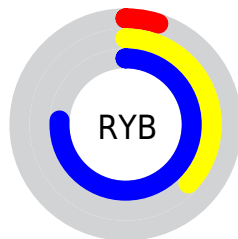
The Hex color **0CA1C3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C32E0C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **65D8FC**, and **006D8D** is the 20% darker color. If you saturate the color by 10%, you get **009FC3**, and if you desaturate by 10%, it is **20A5C3**.

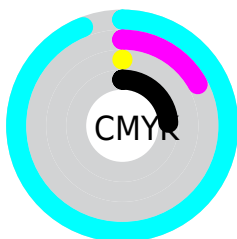
Distribution



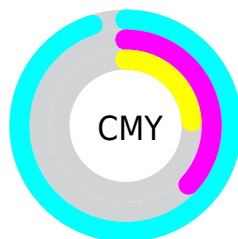
- Red (5%)
- Green (63%)
- Blue (76%)



- Red (5%)
- Yellow (37%)
- Blue (76%)



- Cyan (94%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA1C3 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 0CA1C3 by changing the saturation by 10% instead.

 0CA1C3

 0CA1C3

FFFFFF

 0087A8

 65D8FC

 006D8D

 85F5FF

 005574

 A4FFFF

 003D5B

 C2FFFF

 002743

 E1FFFF

 000C2D

 000118

 000000

 0CA1C3

 0CA1C3

009FC3

20A5C3

33A8C3

47ACC3

5AAFC3

6EB3C3

81B7C3

95BAC3

A8BEC3

BBC2C3

Harmonies

Analogous

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



05A4A9



0CA1C3



539AD1

Triad

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



0CA1C3



CA7C9F



939958

Complementary

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



0CA1C3



C32E0C

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.



B18F56



0CA1C3



D07C80

Square

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



0CA1C3



B184BC



C78465



6FA06B

Rectangle

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



0CA1C3



7893D1



C78465



9D9555

Sweetspot

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



0CA1C3



B6EFC



0CC32E



547780



000000



808080

Same Dimension

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



0CA1C3



00CEFC



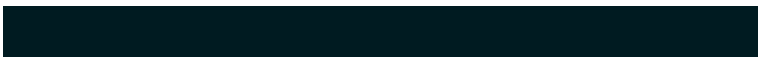
0C46C3



575F61



0083A1



001B21

Inverse Universe

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



C30CA1



FC00CE



C3890C



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color 0CA1C3 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



This preview shows how the Hex color 0CA1C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

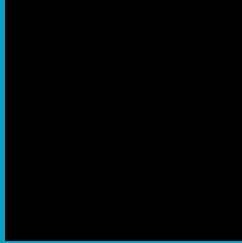
Any Text WCAG AA ✓ Pass

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 0CA1C3 Background



This preview shows how black text looks on a background with the Hex color 0CA1C3.



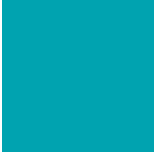
This preview shows how white text looks on a background with the Hex color 0CA1C3.

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](#).

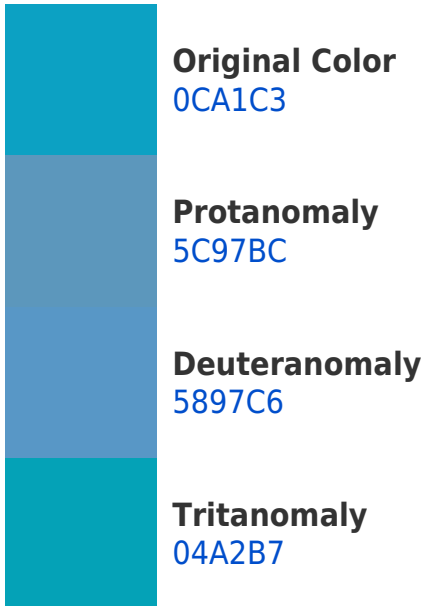
Dichromacy



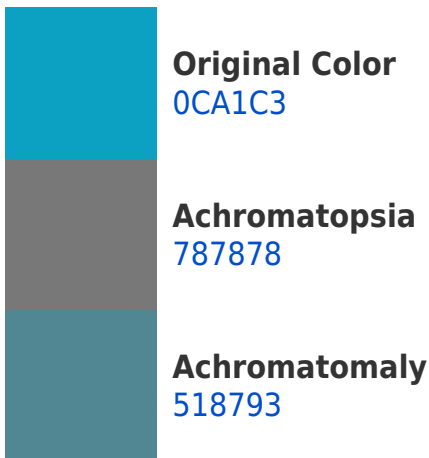


Tritanopia
00A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA1C3 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 #0CA1C3 looks like.

```
.text, #text, p{  
    color:#0CA1C3  
}
```

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 #0CA1C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA1C3
}
```

Border

The CSS property to change the border of an element to Hex 0CA1C3 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
#0CA1C3 }
```

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

```
.border{ border-color:#0CA1C3 }
```

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

Here you see how a box with a 4 pixel #0CA1C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA1C3; -webkit-box-shadow:4px 4px  
4px 4px #0CA1C3; box-shadow:4px 4px 4px  
4px #0CA1C3 }
```

Background

The CSS property to change the background color of an element to Hex 0CA1C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA1C3 }
```

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

```
.background{ background-color:#0CA1C3 }
```

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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