

Converting Colors

Hex(0CA5D1)

Have a look what the booklet for
Hex(0CA5D1) contains.

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Color

Hex(0CA5D1)

Conversions

Conversions Part 1

Format	Color
Hex	0CA5D1
RGB	12, 165, 209
RGB Percent	5%, 65%, 82%
CMY	0.9529, 0.3529, 0.1804
CMYK	0.94, 0.21, 0.00, 0.18
HSL	193°, 89%, 43%
HSV	193°, 94%, 82%
XYZ	25.1154, 31.5919, 65.0957
YIQ	124.2690, -105.3120, -18.7520

Conversions

Conversions Part 2

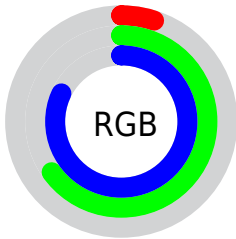
Format	Color
R_{YB}	12, 98, 209
Decimal	828881
CIE _{Lab}	63.00, -19.68, -32.27
CIE _{LCh}	63, 37.800, 238.619
Yxy	31.5919, 0.2062, 0.2594
Android (android.graphics.Color)	4279018961 (0xFF0CA5D1)
YUV	124.2690, 41.7724, -98.4599
Hunter-Lab	56.2067, -18.6007, -29.3220

Details

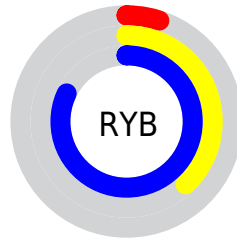
The Hex color **0CA5D1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D1380C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **68DCFF**, and **00719A** is the 20% darker color. If you saturate the color by 10%, you get **00A2D1**, and if you desaturate by 10%, it is **21AAD1**.

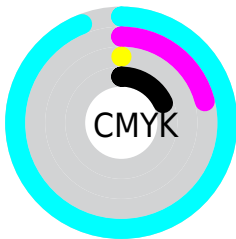
Distribution



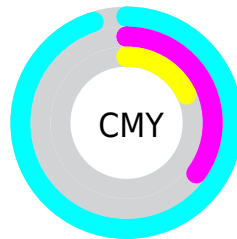
- Red (5%)
- Green (65%)
- Blue (82%)



- Red (5%)
- Yellow (38%)
- Blue (82%)



- Cyan (94%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (95%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA5D1 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 0CA5D1 by changing the saturation by 10% instead.

 0CA5D1

 0CA5D1

FFFFFF

 008BB5

 68DCFF

 00719A

 88F9FF

 005880

 A8FFFF

 004167

 C6FFFF

 002B4F

 E5FFFF

 001638

 000222

 000007

 000000

■ 0CA5D1

■ 0CA5D1

■ 00A2D1

■ 21AAD1

■ 36AED1

■ 4BB3D1

■ 60B8D1

■ 75BCD1

■ 89C1D1

■ 9EC6D1

■ B3CAD1

■ C8CFD1

Harmonies

Analogous

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



00AAB8



0CA5D1



629CDB

Triad

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



0CA5D1



D67E9B



8DA05C

Complementary

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



0CA5D1



D1380C

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.



AF9654



0CA5D1



D8807A

Square

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



0CA5D1



C184BC



CA8A60



65A774

Rectangle

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



0CA5D1



8995D8



CA8A60



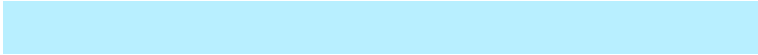
999D57

Sweetspot

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



0CA5D1



B8EFFF



0CD137



547680



000000



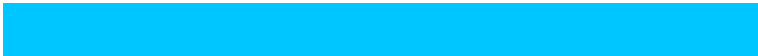
808080

Same Dimension

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



0CA5D1



00C6FF



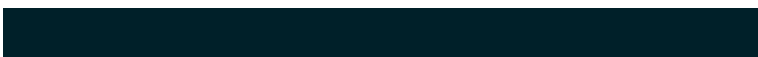
0C44D1



5E6669



0083A8



002029

Inverse Universe

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



D10CA5



FF00C6



D1990C



695E66



A80083



290020

Previews

White Background



This preview shows how the Hex color 0CA5D1 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



This preview shows how the Hex color 0CA5D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

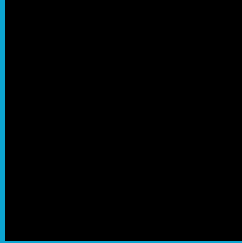
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 0CA5D1 Background



This preview shows how black text looks on a background with the Hex color 0CA5D1.

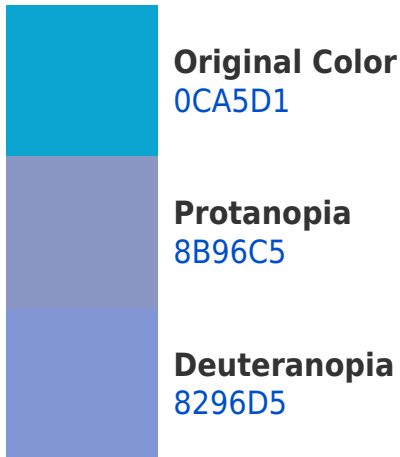


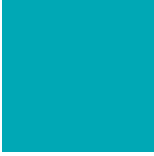
This preview shows how white text looks on a background with the Hex color 0CA5D1.

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
00A8B5

Trichromacy



Original Color
0CA5D1



Protanomaly
5D9BC9



Deuteranomaly
579BD4



Tritanomaly
04A7BF

Monochromacy



Original Color
0CA5D1



Achromatopsia
7C7C7C



Achromatomaly
538B9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA5D1 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 #0CA5D1 looks like.

```
.text, #text, p{  
    color:#0CA5D1  
}
```

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 #0CA5D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA5D1
}
```

Border

The CSS property to change the border of an element to Hex 0CA5D1 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
#0CA5D1 }
```

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

```
.border{ border-color:#0CA5D1 }
```

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

Here you see how a box with a 4 pixel #0CA5D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA5D1; -webkit-box-shadow:4px 4px  
4px 4px #0CA5D1; box-shadow:4px 4px 4px  
4px #0CA5D1 }
```

Background

The CSS property to change the background color of an element to Hex 0CA5D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA5D1 }
```

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

```
.background{ background-color:#0CA5D1 }
```

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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