

Converting Colors

Hex(0DA1C8)

Have a look what the booklet for
Hex(0DA1C8) contains.

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Color

Hex(0DA1C8)

Conversions

Conversions Part 1

Format	Color
Hex	0DA1C8
RGB	13, 161, 200
RGB Percent	5%, 63%, 78%
CMY	0.9490, 0.3686, 0.2157
CMYK	0.93, 0.20, 0.00, 0.22
HSL	193°, 88%, 42%
HSV	193°, 94%, 78%
XYZ	23.3362, 29.7454, 59.1551
YIQ	121.1940, -100.7270, -19.2470

Conversions

Conversions Part 2

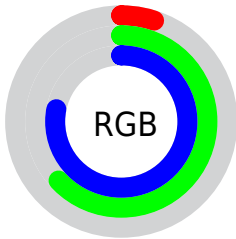
Format	Color
R_{YB}	13, 96, 200
Decimal	893384
CIE _{Lab}	61.43, -20.68, -29.69
CIE _{LCh}	61, 36.180, 235.142
Yxy	29.7454, 0.2079, 0.2650
Android (android.graphics.Color)	4279083464 (0xFF0DA1C8)
YUV	121.1940, 38.8514, -94.8861
Hunter-Lab	54.5394, -19.0678, -26.1302

Details

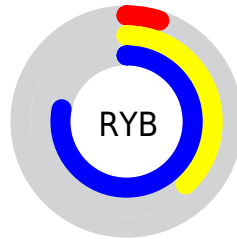
The Hex color **0DA1C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C8340D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **66D8FF**, and **006D92** is the 20% darker color. If you saturate the color by 10%, you get **009EC8**, and if you desaturate by 10%, it is **21A5C8**.

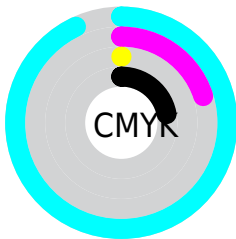
Distribution



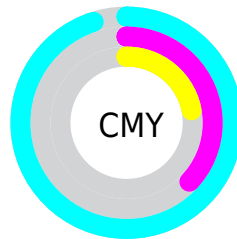
- Red (5%)
- Green (63%)
- Blue (78%)



- Red (5%)
- Yellow (38%)
- Blue (78%)



- Cyan (93%)
- Magenta (20%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA1C8 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 0DA1C8 by changing the saturation by 10% instead.

 0DA1C8

 0DA1C8

FFFFFF

 0087AD

 66D8FF

 006D92

 86F4FF

 005578

 A5FFFF

 003D5F

 C3FFFF

 002747

 E2FFFF

 000D31

 00011B

 000000

 0DA1C8

 0DA1C8

■ 009EC8

■ 21A5C8

■ 35A9C8

■ 49AEC8

■ 5DB2C8

■ 71B6C8

■ 85BAC8

■ 99BEC8

■ ADC2C8

■ C1C7C8

Harmonies

Analogous

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



00A5AE



0DA1C8



5A99D4

Triad

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



0DA1C8



CE7B9B



8E9B59

Complementary

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



0DA1C8



C8340D

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.



AE9154



0DA1C8



D27D7B

Square

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



0DA1C8



B882B9



C68561



68A26F

Rectangle

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



0DA1C8



8092D2



C68561



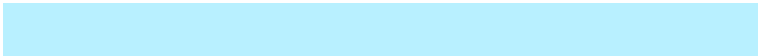
999855

Sweetspot

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



0DA1C8



B8FOFF



0DC832



547680



000000



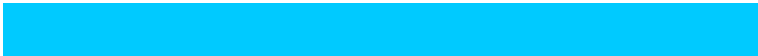
808080

Same Dimension

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



0DA1C8



00CAFF



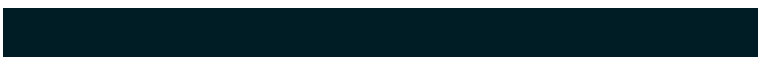
0D45C8



5A6163



0081A3



001C24

Inverse Universe

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



C80DA1



FF00CA



C8900D



635A61



A30081



24001C

Previews

White Background



This preview shows how the Hex color 0DA1C8 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 0DA1C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

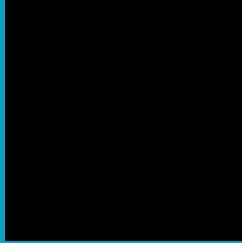
Any Text WCAG AA ✓ Pass

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 0DA1C8 Background



This preview shows how black text looks on a background with the Hex color 0DA1C8.

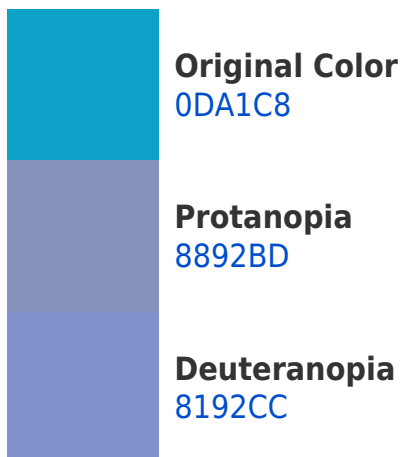


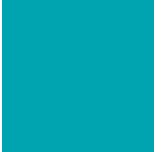
This preview shows how white text looks on a background with the Hex color 0DA1C8.

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
00A4B1

Trichromacy



Original Color
0DA1C8



Protanomaly
5B97C1



Deuteranomaly
5797CB



Tritanomaly
05A3B9

Monochromacy



Original Color
0DA1C8



Achromatopsia
797979



Achromatomaly
528896

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA1C8 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 #0DA1C8 looks like.

```
.text, #text, p{  
    color:#0DA1C8  
}
```

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 #0DA1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA1C8
}
```

Border

The CSS property to change the border of an element to Hex 0DA1C8 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
#0DA1C8 }
```

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

```
.border{ border-color:#0DA1C8 }
```

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

Here you see how a box with a 4 pixel #0DA1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA1C8; -webkit-box-shadow:4px 4px  
4px 4px #0DA1C8; box-shadow:4px 4px 4px  
4px #0DA1C8 }
```

Background

The CSS property to change the background color of an element to Hex 0DA1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA1C8 }
```

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

```
.background{ background-color:#0DA1C8 }
```

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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