

Converting Colors

Hex(00A8CA)

Have a look what the booklet for
Hex(00A8CA) contains.

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Color

Hex(00A8CA)

Conversions

Conversions Part 1

Format	Color
Hex	00A8CA
RGB	0, 168, 202
RGB Percent	0%, 66%, 79%
CMY	1.0000, 0.3412, 0.2078
CMYK	1.00, 0.17, 0.00, 0.21
HSL	190°, 100%, 40%
HSV	190°, 100%, 79%
XYZ	24.6633, 32.2695, 60.8059
YIQ	121.6440, -111.0420, -25.0420

Conversions

Conversions Part 2

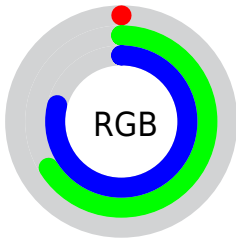
Format	Color
RYB	0, 92, 202
Decimal	43210
CIELab	63.57, -24.04, -27.52
CIELCh	64, 36.539, 228.862
Yxy	32.2695, 0.2095, 0.2741
Android (android.graphics.Color)	4278233290 (0xFF00A8CA)
YUV	121.6440, 39.6155, -106.6818
Hunter-Lab	56.8063, -21.9125, -23.7001

Details

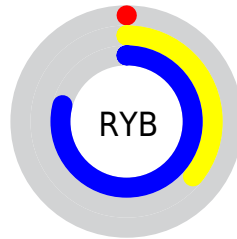
The Hex color **00A8CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CA2200**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **65DFFF**, and **007494** is the 20% darker color. If you saturate the color by 10%, you get **00A8CA**, and if you desaturate by 10%, it is **14ABCA**.

Distribution



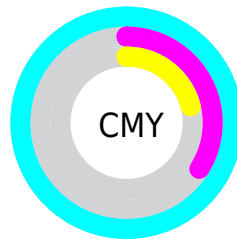
- Red (0%)
- Green (66%)
- Blue (79%)



- Red (0%)
- Yellow (36%)
- Blue (79%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8CA 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 00A8CA by changing the saturation by 10% instead.

 00A8CA

 00A8CA

FFFFFF

 008DAF

 65DFFF

 007494

 85FCFF

 005B7A

 A4FFFF

 004361

 C3FFFF

 002C49

 E2FFFF

 001732

 00021D

 000000

 00A8CA

 14ABCA

 28AFCA

 3DB2CA

 51B6CA

 65B9CA

 79BCCA

 8DC0CA

 A2C3CA

 B6C7CA

Harmonies

Analogous

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



07ABAE



00A8CA



53A1D9

Triad

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



00A8CA



D182A7



9A9E5B

Complementary

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



00A8CA



CA2200

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.



BA945A



00A8CA



D98187

Square

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



00A8CA



B78AC5



D0896A



75A66E

Rectangle

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



00A8CA



7A9ADA



D0896A



A69B59

Sweetspot

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



00A8CA



B3F2FF



00CA22



527880



000000



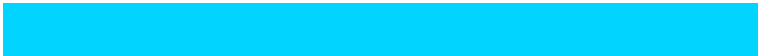
808080

Same Dimension

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



00A8CA



00D4FF



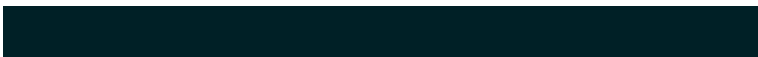
0043CA



5C6466



008AA6



002026

Inverse Universe

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



CA00A8



FF00D4



CA8700



665C64



A6008A



260020

Previews

White Background



This preview shows how the Hex color 00A8CA looks on a white background.

Color Contrast Check

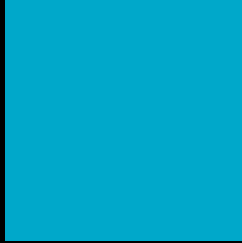
Large Text (above 18pt) WCAG AA × Fail

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 00A8CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

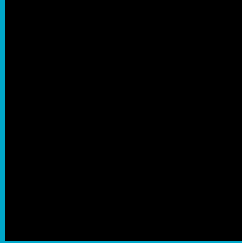
Any Text WCAG AA ✓ Pass

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 00A8CA Background



This preview shows how black text looks on a background with the Hex color 00A8CA.

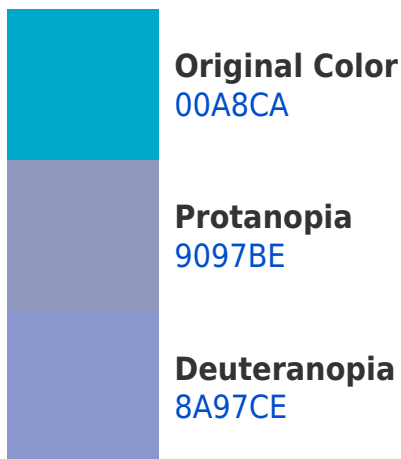


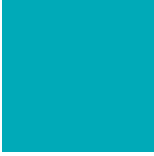
This preview shows how white text looks on a background with the Hex color 00A8CA.

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
00AAB8

Trichromacy



Original Color
00A8CA



Protanomaly
5C9DC2



Deuteranomaly
589DCD



Tritanomaly
00A9BF

Monochromacy



Original Color
00A8CA



Achromatopsia
7A7A7A



Achromatomaly
4E8B97

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8CA 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 #00A8CA looks like.

```
.text, #text, p{  
    color:#00A8CA  
}
```

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 #00A8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8CA
}
```

Border

The CSS property to change the border of an element to Hex 00A8CA 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
#00A8CA }
```

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

```
.border{ border-color:#00A8CA }
```

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

Here you see how a box with a 4 pixel #00A8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8CA; -webkit-box-shadow:4px 4px  
4px 4px #00A8CA; box-shadow:4px 4px 4px  
4px #00A8CA }
```

Background

The CSS property to change the background color of an element to Hex 00A8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8CA }
```

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

```
.background{ background-color:#00A8CA }
```

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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