

Converting Colors

Hex(00A9DC)

Have a look what the booklet for
Hex(00A9DC) contains.

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Color

Hex(00A9DC)

Conversions

Conversions Part 1

Format	Color
Hex	00A9DC
RGB	0, 169, 220
RGB Percent	0%, 66%, 86%
CMY	1.0000, 0.3373, 0.1373
CMYK	1.00, 0.23, 0.00, 0.14
HSL	194°, 100%, 43%
HSV	194°, 100%, 86%
XYZ	27.1062, 33.5432, 72.7560
YIQ	124.2830, -117.0950, -19.9670

Conversions

Conversions Part 2

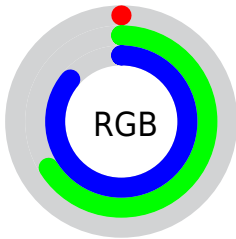
Format	Color
RYB	0, 96, 220
Decimal	43484
CIELab	64.60, -18.29, -35.89
CIELCh	65, 40.281, 242.991
Yxy	33.5432, 0.2032, 0.2514
Android (android.graphics.Color)	4278233564 (0xFF00A9DC)
YUV	124.2830, 47.1885, -108.9962
Hunter-Lab	57.9165, -17.8119, -33.9398

Details

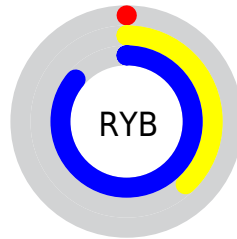
The Hex color **00A9DC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **DC3300**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **69E0FF**, and **0075A5** is the 20% darker color. If you saturate the color by 10%, you get **00A9DC**, and if you desaturate by 10%, it is **16AEDC**.

Distribution



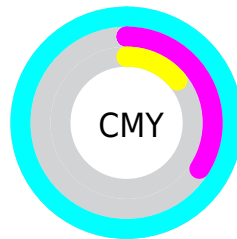
- Red (0%)
- Green (66%)
- Blue (86%)



- Red (0%)
- Yellow (38%)
- Blue (86%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9DC 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 00A9DC by changing the saturation by 10% instead.

 00A9DC

 00A9DC

FFFFFF

 008FC0


 69E0FF

 0075A5

 8AFDFF

 005C8A

 A9FFFF

 004571

 C8FFFF

 002E58

 E7FFFF

 001B40

 00032A

 000114

 000000

 00A9DC

 16AEDC

 2CB3DC

 42B8DC

 58BDDC

 6EC3DC

 84C8DC

 9ACDDC

 B0D2DC

 C6D7DC

Harmonies

Analogous

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



00AEC3



00A9DC



6B9FE4

Triad

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



00A9DC



E0809A



8AA65F

Complementary

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



00A9DC



DC3300

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.



B09C53



00A9DC



DF8477

Square

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



00A9DC



CD85BE



CE8F5D



5DAD7B

Rectangle

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



00A9DC



9496DF



CE8F5D



97A359

Sweetspot

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



00A9DC



B3EDFF



00DC30



527580



000000



808080

Same Dimension

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



00A9DC



00C4FF



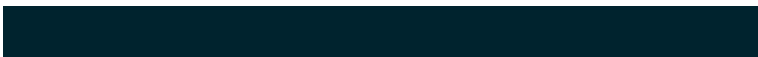
003EDC



636B6E



0085AD



00232E

Inverse Universe

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



DC00A9



FF00C4



DC9E00



6E636B



AD0085



2E0023

Previews

White Background



This preview shows how the Hex color 00A9DC looks on a white background.

Color Contrast Check

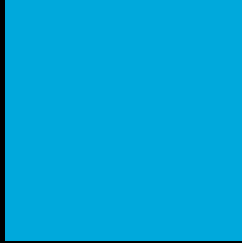
Large Text (above 18pt) WCAG AA × Fail

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 00A9DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

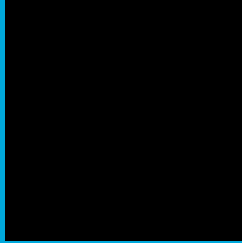
Any Text WCAG AA ✓ Pass

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 00A9DC Background



This preview shows how black text looks on a background with the Hex color 00A9DC.

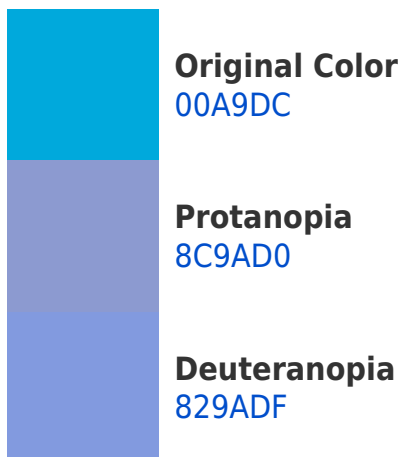


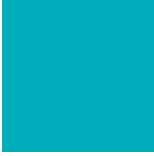
This preview shows how white text looks on a background with the Hex color 00A9DC.

Color Blindness Simulation

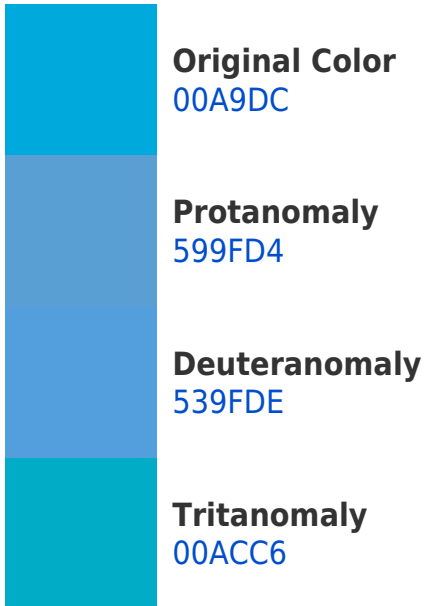
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

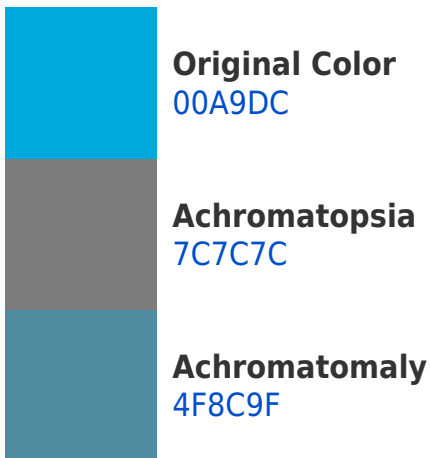




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9DC 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 #00A9DC looks like.

```
.text, #text, p{  
    color:#00A9DC  
}
```

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 #00A9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9DC
}
```

Border

The CSS property to change the border of an element to Hex 00A9DC 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
#00A9DC }
```

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

```
.border{ border-color:#00A9DC }
```

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

Here you see how a box with a 4 pixel #00A9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9DC; -webkit-box-shadow:4px 4px  
4px 4px #00A9DC; box-shadow:4px 4px 4px  
4px #00A9DC }
```

Background

The CSS property to change the background color of an element to Hex 00A9DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9DC }
```

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

```
.background{ background-color:#00A9DC }
```

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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