

Converting Colors

Hex(00A9DB)

Have a look what the booklet for
Hex(00A9DB) contains.

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Color

Hex(00A9DB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00A9DB |
| RGB | 0, 169, 219 |
| RGB Percent | 0%, 66%, 86% |
| CMY | 1.0000, 0.3373, 0.1412 |
| CMYK | 1.00, 0.23, 0.00, 0.14 |
| HSL | 194°, 100%, 43% |
| HSV | 194°, 100%, 86% |
| XYZ | 26.9741, 33.4904, 72.0604 |
| YIQ | 124.1690, -116.7740, -20.2780 |

Conversions

Conversions Part 2

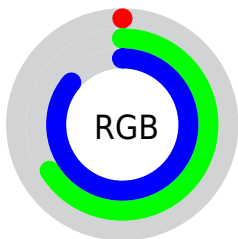
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 95, 219 |
| Decimal | 43483 |
| CIELab | 64.56, -18.65, -35.40 |
| CIELCh | 65, 40.011, 242.225 |
| Yxy | 33.4904, 0.2035, 0.2527 |
| Android (android.graphics.Color) | 4278233563 (0xFF00A9DB) |
| YUV | 124.1690, 46.7517, -108.8962 |
| Hunter-Lab | 57.8709, -18.0736, -33.3179 |

Details

The Hex color **00A9DB** 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 **DB3200**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **68E0FF**, and **0075A4** is the 20% darker color. If you saturate the color by 10%, you get **00A9DB**, and if you desaturate by 10%, it is **16AEDB**.

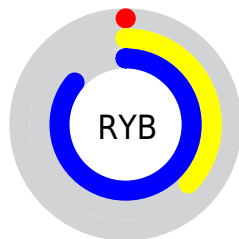
Distribution



Red (0%)

Green (66%)

Blue (86%)



Red (0%)

Yellow (37%)

Blue (86%)

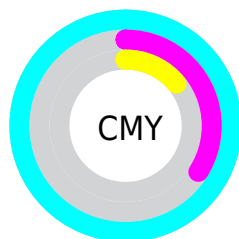


Cyan (100%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9DB 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 00A9DB by changing the saturation by 10% instead.

 00A9DB

 00A9DB


FFFFFF

 008EBF

 68E0FF

 0075A4

 89FDFF

 005C89

 A9FFFF

 004570

 C8FFFF

 002E57

 E7FFFF

 001B3F

 000329

 000113

 000000

 00A9DB

 16AEDB

 2CB3DB

 42B8DB

 58BDDB

 6EC2DB

 83C7DB

 99CCDB

 AFD1DB

 C5D6DB

Harmonies

Analogous

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



00AEC2



00A9DB



699FE4

Triad

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



00A9DB



DF809B



8BA65E

Complementary

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



00A9DB



DB3200

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.



B19B54



00A9DB



DF8478

Square

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



00A9DB



CB86BE



CE8F5E



5FAC7A

Rectangle

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



00A9DB



9297DF



CE8F5E



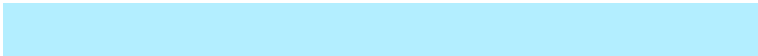
98A359

Sweetspot

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



00A9DB



B3EEFF



00DB2F



527580



000000



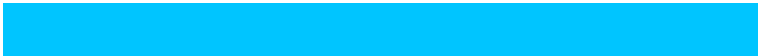
808080

Same Dimension

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



00A9DB



00C5FF



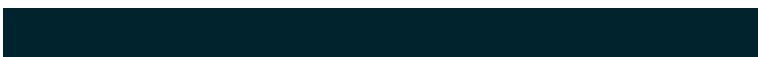
003EDB



636B6E



0086AD



00232E

Inverse Universe

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



DB00A9



FF00C5



DB9D00



6E636B



AD0086



2E0023

Previews

White Background



This preview shows how the Hex color 00A9DB 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 00A9DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

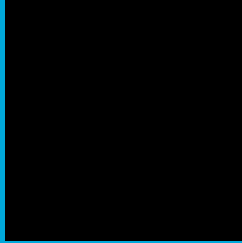
Any Text WCAG AA ✓ Pass

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 00A9DB Background



This preview shows how black text looks on a background with the Hex color 00A9DB.

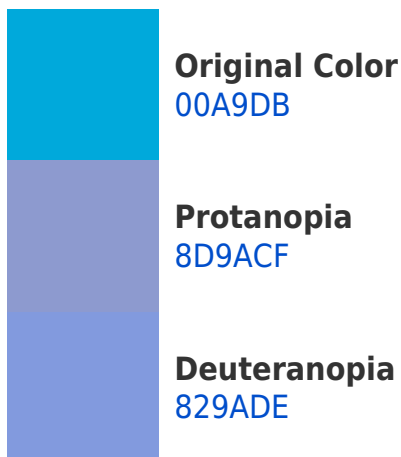


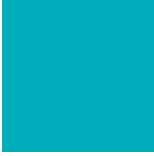
This preview shows how white text looks on a background with the Hex color 00A9DB.

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



Original Color
00A9DB



Protanomaly
5A9FD3



Deuteranomaly
539FDD



Tritanomaly
00ACC6

Monochromacy



Original Color
00A9DB



Achromatopsia
7C7C7C



Achromatomaly
4F8C9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9DB 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 #00A9DB looks like.

```
.text, #text, p{  
    color:#00A9DB  
}
```

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 #00A9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9DB
}
```

Border

The CSS property to change the border of an element to Hex 00A9DB 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
#00A9DB }
```

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

```
.border{ border-color:#00A9DB }
```

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

Here you see how a box with a 4 pixel #00A9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9DB; -webkit-box-shadow:4px 4px  
4px 4px #00A9DB; box-shadow:4px 4px 4px  
4px #00A9DB }
```

Background

The CSS property to change the background color of an element to Hex 00A9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9DB }
```

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

```
.background{ background-color:#00A9DB }
```

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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