

Converting Colors

Hex(00A2DB)

Have a look what the booklet for
Hex(00A2DB) contains.

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Color

Hex(00A2DB)

Conversions

Conversions Part 1

Format	Color
Hex	00A2DB
RGB	0, 162, 219
RGB Percent	0%, 64%, 86%
CMY	1.0000, 0.3647, 0.1412
CMYK	1.00, 0.26, 0.00, 0.14
HSL	196°, 100%, 43%
HSV	196°, 100%, 86%
XYZ	25.7065, 30.9551, 71.6379
YIQ	120.0600, -114.8490, -16.6170

Conversions

Conversions Part 2

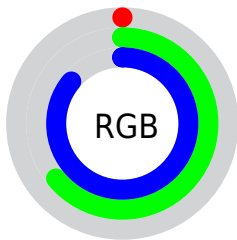
Format	Color
RYB	0, 93, 219
Decimal	41691
CIELab	62.47, -14.88, -38.66
CIELCh	62, 41.423, 248.944
Yxy	30.9551, 0.2004, 0.2413
Android (android.graphics.Color)	4278231771 (0xFF00A2DB)
YUV	120.0600, 48.7774, -105.2926
Hunter-Lab	55.6373, -14.8917, -37.3949

Details

The Hex color **00A2DB** 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 **DB3900**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68D9FF**, and **006EA4** is the 20% darker color. If you saturate the color by 10%, you get **00A2DB**, and if you desaturate by 10%, it is **16A8DB**.

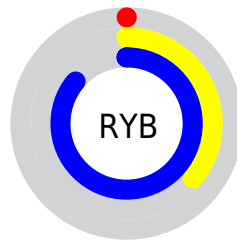
Distribution



Red (0%)

Green (64%)

Blue (86%)



Red (0%)

Yellow (36%)

Blue (86%)

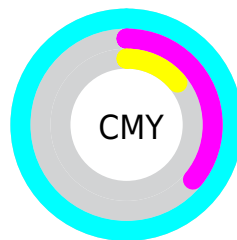


Cyan (100%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A2DB 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 00A2DB by changing the saturation by 10% instead.

 00A2DB

 00A2DB

FFFFFF

 0088BF

 68D9FF

 006EA4

 89F5FF

 005689

 A8FFFF

 003F6F

 C7FFFF

 002957

 E6FFFF

 00143F

 000329

 000112

 000000

 00A2DB

 16A8DB

 2CADDB

 42B3DB

 58B9DB

 6EBEDB

 83C4DB

 99CADB

 AFD0DB

 C5D5DB

Harmonies

Analogous

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



00A8C4



00A2DB



7097DF

Triad

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



00A2DB



DD798D



7BA25C

Complementary

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



00A2DB



DB3900

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.



A3994D



00A2DB



D87F6B

Square

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



00A2DB



CD7DB2



C38C52



4AA87B

Rectangle

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



00A2DB



988ED7



C38C52



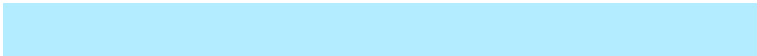
899F55

Sweetspot

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



00A2DB



B3EBFF



00DB37



527480



000000



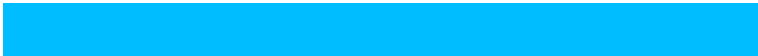
808080

Same Dimension

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



00A2DB



00BDFF



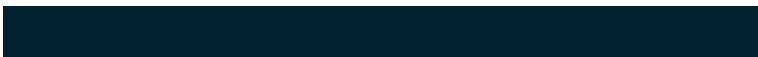
0037DB



636B6E



0080AD



00222E

Inverse Universe

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



DB00A2



FF00BD



DBA400



6E636B



AD0080



2E0022

Previews

White Background



This preview shows how the Hex color 00A2DB 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 00A2DB 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 00A2DB Background



This preview shows how black text looks on a background with the Hex color 00A2DB.

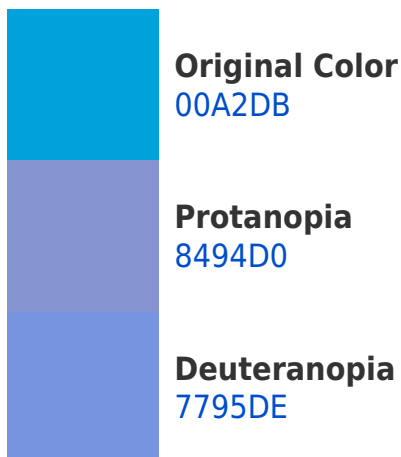


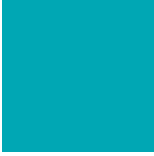
This preview shows how white text looks on a background with the Hex color 00A2DB.

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
00A7B4

Trichromacy



Original Color
00A2DB



Protanomaly
5499D4



Deuteranomaly
4C9ADD



Tritanomaly
00A5C2

Monochromacy



Original Color
00A2DB



Achromatopsia
787878



Achromatomaly
4C879C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A2DB 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 #00A2DB looks like.

```
.text, #text, p{  
    color:#00A2DB  
}
```

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 #00A2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2DB
}
```

Border

The CSS property to change the border of an element to Hex 00A2DB 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
#00A2DB }
```

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

```
.border{ border-color:#00A2DB }
```

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

Here you see how a box with a 4 pixel #00A2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2DB; -webkit-box-shadow:4px 4px  
4px 4px #00A2DB; box-shadow:4px 4px 4px  
4px #00A2DB }
```

Background

The CSS property to change the background color of an element to Hex 00A2DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2DB }
```

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

```
.background{ background-color:#00A2DB }
```

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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