

# Converting Colors

Hex(00A8D5)

Have a look what the booklet for  
Hex(00A8D5) contains.

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# **Color**

**Hex(00A8D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A8D5
RGB	0, 168, 213
RGB Percent	0%, 66%, 84%
CMY	1.0000, 0.3412, 0.1647
CMYK	1.00, 0.21, 0.00, 0.16
HSL	193°, 100%, 42%
HSV	193°, 100%, 84%
XYZ	26.0129, 32.8094, 67.9126
YIQ	122.8980, -114.5730, -21.6210

# Conversions

## Conversions Part 2

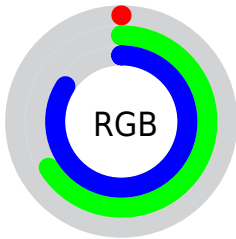
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 213
Decimal	43221
CIELab	64.01, -20.23, -32.94
CIELCh	64, 38.653, 238.448
Yxy	32.8094, 0.2053, 0.2589
Android (android.graphics.Color)	4278233301 (0xFF00A8D5)
YUV	122.8980, 44.4203, -107.7815
Hunter-Lab	57.2795, -19.1751, -30.2008

# Details

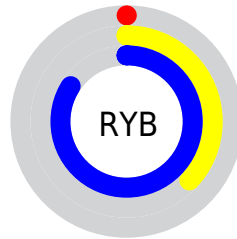
The Hex color **00A8D5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D52D00**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **67DFFF**, and **00749E** is the 20% darker color. If you saturate the color by 10%, you get **00A8D5**, and if you desaturate by 10%, it is **15ACD5**.

# Distribution



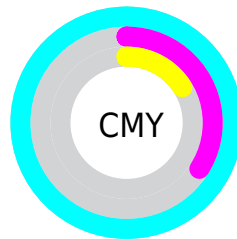
- Red (0%)
- Green (66%)
- Blue (84%)



- Red (0%)
- Yellow (37%)
- Blue (84%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (34%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A8D5 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 00A8D5 by changing the saturation by 10% instead.



 00A8D5

 00A8D5

FFFFFF

 008DB9

 67DFFF

 00749E

 88FCFF

 005B84

 A7FFFF


 00436A

 C6FFFF

 002D52

 E5FFFF

 001A3B

 000225

 00010D

 000000

 00A8D5

 15ACD5

 2BB1D5

 40B5D5

 55BAD5

 6BBFD5

 80C3D5

 95C8D5

 AACCD5

 C0D1D5

# Harmonies

## Analogous

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



00ADBB



00A8D5



629FE0

# Triad

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



00A8D5



DA809E



8FA35D

# Complementary

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



00A8D5



D52D00

# 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.



B39855



00A8D5



DD827C

# Square

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



00A8D5



C587C0



CE8C61



66AA76

# Rectangle

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



00A8D5



8B97DC



CE8C61



9CA058

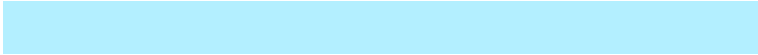


# Sweetspot

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



00A8D5



B3EFFF



00D52B



527680



000000



808080

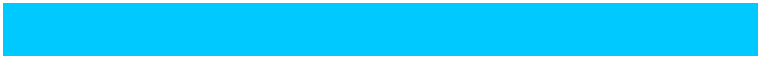


# Same Dimension

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



00A8D5



00C9FF



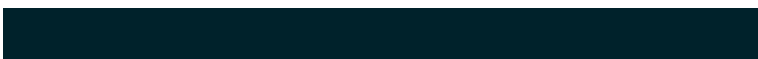
0040D5



60696B



0087AB



00222B



# Inverse Universe

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



D500A8



FF00C9



D59500



6B6069



AB0087



2B0022



# Previews

## White Background



This preview shows how the Hex color 00A8D5 looks on a white background.

## Color Contrast Check

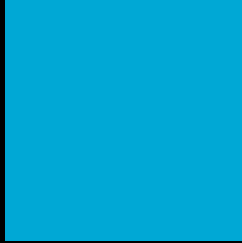
Large Text (above 18pt) WCAG AA × Fail

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 00A8D5 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 00A8D5 Background



This preview shows how black text looks on a background with the Hex color 00A8D5.

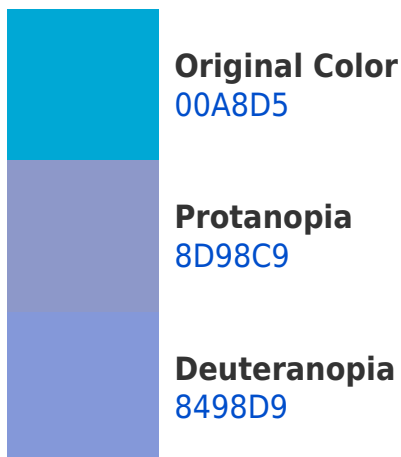


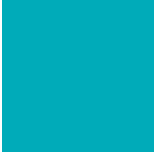
This preview shows how white text looks on a background with the Hex color 00A8D5.

# 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**  
00ABB9

# Trichromacy



**Original Color**  
00A8D5



**Protanomaly**  
5A9ECD



**Deuteranomaly**  
549ED8



**Tritanomaly**  
00AAC3

# Monochromacy



**Original Color**  
00A8D5



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
4E8B9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A8D5 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 #00A8D5 looks like.

```
.text, #text, p{  
    color:#00A8D5  
}
```

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 #00A8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8D5
}
```

## Border

The CSS property to change the border of an element to Hex 00A8D5 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
#00A8D5 }
```

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

```
.border{ border-color:#00A8D5 }
```

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

Here you see how a box with a 4 pixel #00A8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8D5; -webkit-box-shadow:4px 4px  
4px 4px #00A8D5; box-shadow:4px 4px 4px  
4px #00A8D5 }
```

# Background

The CSS property to change the background color of an element to Hex 00A8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8D5 }
```

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

```
.background{ background-color:#00A8D5 }
```

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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