

# Converting Colors

Hex(00A1CD)

Have a look what the booklet for  
Hex(00A1CD) contains.

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# Color

**Hex(00A1CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A1CD
RGB	0, 161, 205
RGB Percent	0%, 63%, 80%
CMY	1.0000, 0.3686, 0.1961
CMYK	1.00, 0.21, 0.00, 0.20
HSL	193°, 100%, 40%
HSV	193°, 100%, 80%
XYZ	23.7643, 29.8975, 62.2759
YIQ	117.8770, -110.0800, -20.4480

# Conversions

## Conversions Part 2

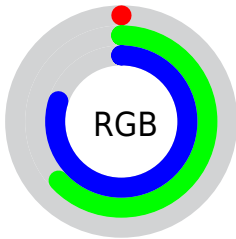
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 205
Decimal	41421
CIELab	61.57, -19.34, -32.28
CIELCh	62, 37.634, 239.070
Yxy	29.8975, 0.2050, 0.2579
Android (android.graphics.Color)	4278231501 (0xFF00A1CD)
YUV	117.8770, 42.9516, -103.3781
Hunter-Lab	54.6786, -18.1083, -29.2530

# Details

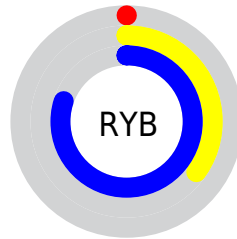
The Hex color **00A1CD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CD2C00**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **65D8FF**, and **006D97** is the 20% darker color. If you saturate the color by 10%, you get **00A1CD**, and if you desaturate by 10%, it is **14A5CD**.

# Distribution



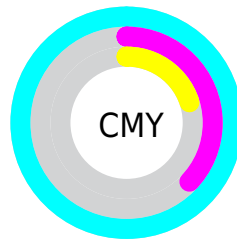
- Red (0%)
- Green (63%)
- Blue (80%)



- Red (0%)
- Yellow (35%)
- Blue (80%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (37%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A1CD 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 00A1CD by changing the saturation by 10% instead.



 00A1CD

 00A1CD

FFFFFF

 0087B1

 65D8FF

 006D97

 85F4FF

 00557D

 A4FFFF


 003E63

 C3FFFF

 00284B

 E2FFFF

 000F34

 00021F

 000001

 000000

 00A1CD

 14A5CD

 29AACD

 3EAECD

 52B3CD

 67B7CD

 7BBBCD

 90C0CD

 A4C4CD

 B9C9CD

# Harmonies

## Analogous

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



00A6B4



00A1CD



5F98D7

# Triad

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



00A1CD



D27A97



899C59

# Complementary

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



00A1CD



CD2C00

# 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.



AB9251



00A1CD



D47D76

# Square

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



00A1CD



BD81B7



C5875C



60A371

# Rectangle

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



00A1CD



8691D3



C5875C



959954

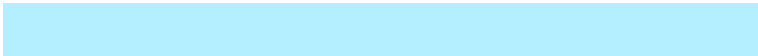


# Sweetspot

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



00A1CD



B3EFFF



00CD29



527680



000000



808080

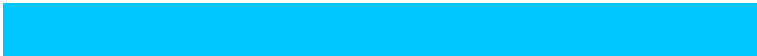


# Same Dimension

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



00A1CD



00C8FF



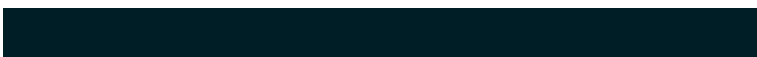
003DCD



5C6466



0082A6



001E26



# Inverse Universe

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



CD00A1



FF00C8



CD9000



665C64



A60082



26001E



# Previews

## White Background



This preview shows how the Hex color 00A1CD looks on a white background.

## Color Contrast Check

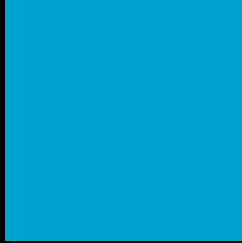
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A1CD 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A1CD Background



This preview shows how black text looks on a background with the Hex color 00A1CD.

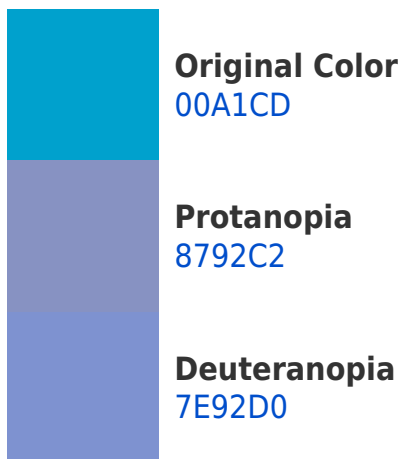


This preview shows how white text looks on a background with the Hex color 00A1CD.

# 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**  
00A1CD

**Protanomaly**  
5697C6

**Deuteranomaly**  
5097CF

# Monochromacy



**Original Color**  
00A1CD

**Achromatopsia**  
767676

**Achromatomaly**  
4B8696

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A1CD 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 #00A1CD looks like.

```
.text, #text, p{  
    color:#00A1CD  
}
```

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 #00A1CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1CD
}
```

## Border

The CSS property to change the border of an element to Hex 00A1CD 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
#00A1CD }
```

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

```
.border{ border-color:#00A1CD }
```

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

Here you see how a box with a 4 pixel #00A1CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1CD; -webkit-box-shadow:4px 4px  
4px 4px #00A1CD; box-shadow:4px 4px 4px  
4px #00A1CD }
```

# Background

The CSS property to change the background color of an element to Hex 00A1CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1CD }
```

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

```
.background{ background-color:#00A1CD }
```

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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