

# Converting Colors

Hex(00A2CB)

Have a look what the booklet for  
Hex(00A2CB) contains.

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# Color

Hex(00A2CB)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A2CB
RGB	0, 162, 203
RGB Percent	0%, 64%, 80%
CMY	1.0000, 0.3647, 0.2039
CMYK	1.00, 0.20, 0.00, 0.20
HSL	192°, 100%, 40%
HSV	192°, 100%, 80%
XYZ	23.6998, 30.1525, 61.0708
YIQ	118.2360, -109.7130, -21.5930

# Conversions

## Conversions Part 2

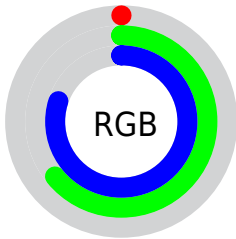
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 203
Decimal	41675
CIELab	61.79, -20.58, -30.83
CIELCh	62, 37.062, 236.276
Yxy	30.1525, 0.2062, 0.2624
Android (android.graphics.Color)	4278231755 (0xFF00A2CB)
YUV	118.2360, 41.7887, -103.6930
Hunter-Lab	54.9113, -19.0537, -27.5029

# Details

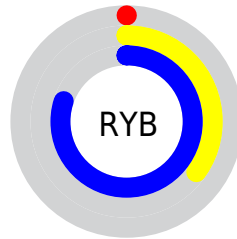
The Hex color **00A2CB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CB2900**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **65D9FF**, and **006E95** is the 20% darker color. If you saturate the color by 10%, you get **00A2CB**, and if you desaturate by 10%, it is **14A6CB**.

# Distribution



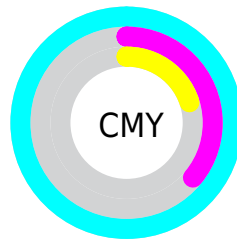
- Red (0%)
- Green (64%)
- Blue (80%)



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



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



- Cyan (100%)
- Magenta (36%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A2CB 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 00A2CB by changing the saturation by 10% instead.



 00A2CB

 00A2CB

FFFFFF

 0088AF

 65D9FF

 006E95

 85F6FF

 00567B

 A4FFFF

 003E62

 C3FFFF

 00284A

 E1FFFF

 001033

 00021D

 000000

 00A2CB

 14A6CB

 29AACB

 3DAECB

 51B2CB

 66B7CB

 7ABBCB

 8EBFCB

 A2C3CB

 B7C7CB

# Harmonies

## Analogous

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



00A6B1



00A2CB



5B9AD6

# Triad

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



00A2CB



D17C9B



8D9C59

# Complementary

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



00A2CB



CB2900

# 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.



AE9253



00A2CB



D47D7A

# Square

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



00A2CB



BB82BA



C78660



66A370

# Rectangle

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



00A2CB



8292D4



C78660



999955



# Sweetspot

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



00A2CB



B3FOFF



00CB29



527680



000000



808080



# Same Dimension

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



00A2CB



00CBFF



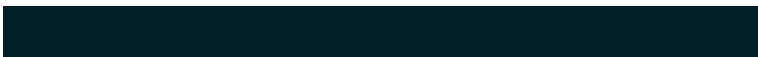
003DCB



5C6466



0084A6



001F26



# Inverse Universe

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



CB00A2



FF00CB



CB8E00



665C64



A60084



26001F



# Previews

## White Background



This preview shows how the Hex color 00A2CB looks on a white background.

## Color Contrast Check

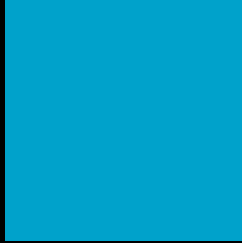
Large Text (above 18pt) WCAG AA × Fail

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 00A2CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

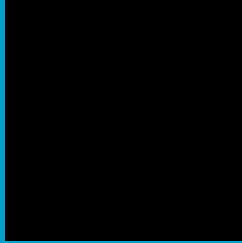
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A2CB Background



This preview shows how black text looks on a background with the Hex color 00A2CB.



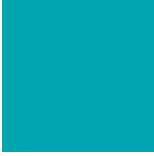
This preview shows how white text looks on a background with the Hex color 00A2CB.

# 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**  
00A5B2

# Trichromacy



**Original Color**  
00A2CB



**Protanomaly**  
5798C4



**Deuteranomaly**  
5298CE



**Tritanomaly**  
00A4BB

# Monochromacy



**Original Color**  
00A2CB



**Achromatopsia**  
767676



**Achromatomaly**  
4B8695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A2CB 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 #00A2CB looks like.

```
.text, #text, p{  
    color:#00A2CB  
}
```

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 #00A2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A2CB
}
```

## Border

The CSS property to change the border of an element to Hex 00A2CB 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
#00A2CB }
```

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

```
.border{ border-color:#00A2CB }
```

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

Here you see how a box with a 4 pixel #00A2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A2CB; -webkit-box-shadow:4px 4px  
4px 4px #00A2CB; box-shadow:4px 4px 4px  
4px #00A2CB }
```

# Background

The CSS property to change the background color of an element to Hex 00A2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A2CB }
```

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

```
.background{ background-color:#00A2CB }
```

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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