

# Converting Colors

Hex(00AADC)

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

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# Color

Hex(00AADC)

# Conversions

## Conversions Part 1

Format	Color
Hex	00AADC
RGB	0, 170, 220
RGB Percent	0%, 67%, 86%
CMY	1.0000, 0.3333, 0.1373
CMYK	1.00, 0.23, 0.00, 0.14
HSL	194°, 100%, 43%
HSV	194°, 100%, 86%
XYZ	27.2930, 33.9168, 72.8182
YIQ	124.8700, -117.3700, -20.4900

# Conversions

## Conversions Part 2

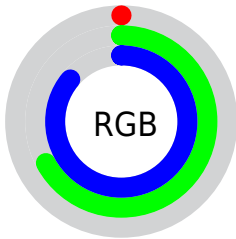
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 96, 220
Decimal	43740
CIELab	64.90, -18.82, -35.42
CIELCh	65, 40.114, 242.015
Yxy	33.9168, 0.2036, 0.2531
Android (android.graphics.Color)	4278233820 (0xFF00AADC)
YUV	124.8700, 46.8991, -109.5110
Hunter-Lab	58.2381, -18.2635, -33.3668

# Details

The Hex color **00AADC** 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 **DC3200**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **69E1FF**, and **0076A5** is the 20% darker color. If you saturate the color by 10%, you get **00AADC**, and if you desaturate by 10%, it is **16AFDC**.

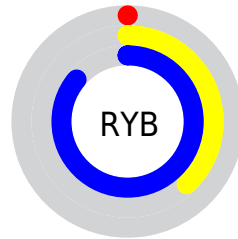
# Distribution



Red (0%)

Green (67%)

Blue (86%)



Red (0%)

Yellow (38%)

Blue (86%)

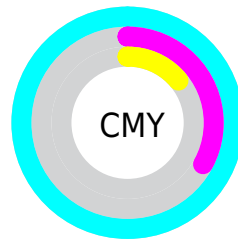


Cyan (100%)

Magenta (23%)

Yellow (0%)

Black (14%)



Cyan (100%)

Magenta (33%)

Yellow (14%)

# Brightness & Saturation Gradients

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



 00AADC

 00AADC

FFFFFF

 008FC0

 69E1FF

 0076A5

 8AFEFF

 005D8A

 A9FFFF

 004571

 C8FFFF

 002F58

 E8FFFF

 001C40

 00032A

 000114

 000000

 00AADC

 16AFDC

 2CB4DC

 42B9DC

 58BEDC

 6EC3DC

 84C8DC

 9ACDDC

 B0D2DC

 C6D7DC

# Harmonies

## Analogous

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



00AFC2



00AADC



6AA0E5

# Triad

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



00AADC



E0819C



8CA75F

# Complementary

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



00AADC



DC3200

# 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.



B29C55



00AADC



E08479

# Square

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



00AADC



CC87C0



CF905F



60AD7B

# Rectangle

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



00AADC



9398E0



CF905F



9AA359

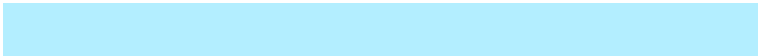


# Sweetspot

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



00AADC



B3EEFF



00DC30



527580



000000



808080

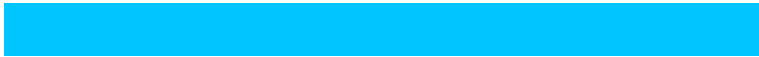


# Same Dimension

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



00AADC



00C5FF



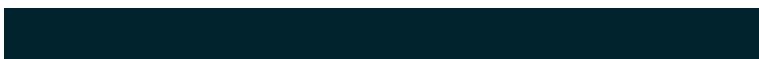
003EDC



636B6E



0086AD



00232E



# Inverse Universe

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



DC00AA



FF00C5



DC9E00



6E636B



AD0086



2E0023



# Previews

## White Background



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



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

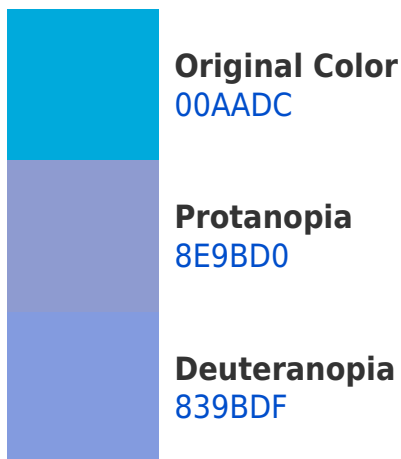


This preview shows how white text looks on a background with the Hex color 00AADC.

# 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**  
00AADC

**Protanomaly**  
5AA0D4

**Deuteranomaly**  
53A0DE

# Monochromacy



**Original Color**  
00AADC

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
508DA0

# CSS Examples

## Text

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

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

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 #00AADC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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