

Converting Colors

Hex(00ADC6)

Have a look what the booklet for
Hex(00ADC6) contains.

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Color

Hex(00ADC6)

Conversions

Conversions Part 1

Format	Color
Hex	00ADC6
RGB	0, 173, 198
RGB Percent	0%, 68%, 78%
CMY	1.0000, 0.3216, 0.2235
CMYK	1.00, 0.13, 0.00, 0.22
HSL	188°, 100%, 39%
HSV	188°, 100%, 78%
XYZ	25.1366, 33.9644, 58.6570
YIQ	124.1230, -111.1330, -28.9010

Conversions

Conversions Part 2

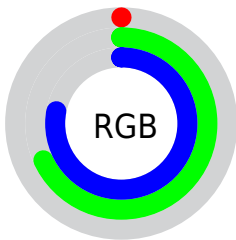
Format	Color
RYB	0, 92, 198
Decimal	44486
CIELab	64.93, -27.91, -23.19
CIELCh	65, 36.292, 219.725
Yxy	33.9644, 0.2135, 0.2884
Android (android.graphics.Color)	4278234566 (0xFF00ADC6)
YUV	124.1230, 36.4214, -108.8559
Hunter-Lab	58.2789, -24.9983, -18.8794

Details

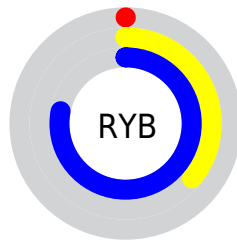
The Hex color **00ADC6** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **C61900**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **65E5FF**, and **007890** is the 20% darker color. If you saturate the color by 10%, you get **00ADC6**, and if you desaturate by 10%, it is **14B0C6**.

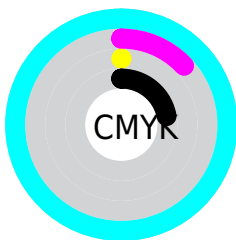
Distribution



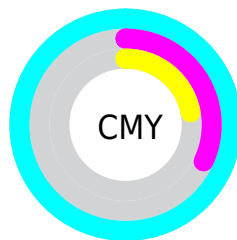
- Red (0%)
- Green (68%)
- Blue (78%)



- Red (0%)
- Yellow (36%)
- Blue (78%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ADC6 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 00ADC6 by changing the saturation by 10% instead.

 00ADC6

 00ADC6

FFFFFF

 0092AB

 65E5FF

 007890

 85FFFF

 005F76

 A4FFFF

 00475E

 C3FFFF

 003046

 E2FFFF

 001C2F

 00011B

 000000

 00ADC6

 14B0C6

 28B2C6

 3BB5C6

 4FB7C6

 63BAC6

 77BCC6

 8BBFC6

 9EC1C6

 B2C4C6

Harmonies

Analogous

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



2BAFA7



00ADC6



45A7DA

Triad

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



00ADC6



CF87B5



A89F5D

Complementary

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



00ADC6



C61900

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.



C69461



00ADC6



DC8494

Square

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



00ADC6



AF91D0



D88976



85A86A

Rectangle

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



00ADC6



6DA1DE



D88976



B39B5C

Sweetspot

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



00ADC6



B3F5FF



00C617



527A80



000000



808080

Same Dimension

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



00ADC6



00DFFF



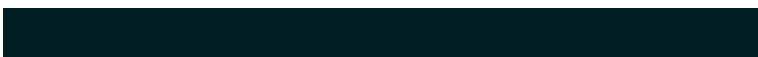
004CC6



5A6263



008FA3



001F24

Inverse Universe

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



C600AD



FF00DF



C67A00



635A62



A3008F



24001F

Previews

White Background



This preview shows how the Hex color 00ADC6 looks on a white background.

Color Contrast Check

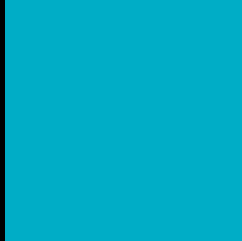
Large Text (above 18pt) WCAG AA × Fail

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 00ADC6 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 00ADC6 Background



This preview shows how black text looks on a background with the Hex color 00ADC6.

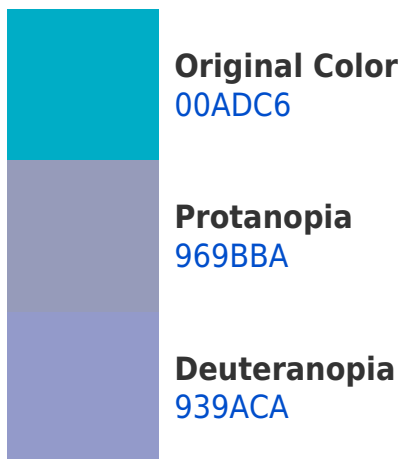


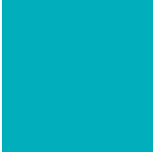
This preview shows how white text looks on a background with the Hex color 00ADC6.

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



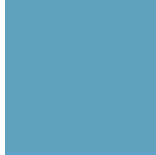


Tritanopia
00AEBC

Trichromacy



Original Color
00ADC6



Protanomaly
5FA2BE



Deuteranomaly
5EA1C9



Tritanomaly
00AEC0

Monochromacy



Original Color
00ADC6



Achromatopsia
7C7C7C



Achromatomaly
4F8E97

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ADC6 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 #00ADC6 looks like.

```
.text, #text, p{  
    color:#00ADC6  
}
```

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 #00ADC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ADC6
}
```

Border

The CSS property to change the border of an element to Hex 00ADC6 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
#00ADC6 }
```

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

```
.border{ border-color:#00ADC6 }
```

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

Here you see how a box with a 4 pixel #00ADC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ADC6; -webkit-box-shadow:4px 4px  
4px 4px #00ADC6; box-shadow:4px 4px 4px  
4px #00ADC6 }
```

Background

The CSS property to change the background color of an element to Hex 00ADC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ADC6 }
```

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

```
.background{ background-color:#00ADC6 }
```

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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