

Converting Colors

Hex(00ADB2)

Have a look what the booklet for
Hex(00ADB2) contains.

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Color

Hex(00ADB2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00ADB2 |
| RGB | 0, 173, 178 |
| RGB Percent | 0%, 68%, 70% |
| CMY | 1.0000, 0.3216, 0.3020 |
| CMYK | 1.00, 0.03, 0.00, 0.30 |
| HSL | 182°, 100%, 35% |
| HSV | 182°, 100%, 70% |
| XYZ | 22.9795, 33.1015, 47.2976 |
| YIQ | 121.8430, -104.7130, -35.1210 |

Conversions

Conversions Part 2

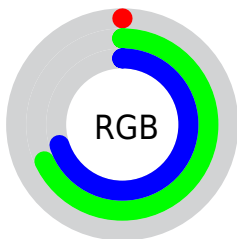
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 88, 178 |
| Decimal | 44466 |
| CIELab | 64.24, -34.39, -13.12 |
| CIELCh | 64, 36.807, 200.880 |
| Yxy | 33.1015, 0.2223, 0.3202 |
| Android (android.graphics.Color) | 4278234546 (0xFF00ADB2) |
| YUV | 121.8430, 27.6854, -106.8563 |
| Hunter-Lab | 57.5339, -29.3901, -8.4675 |

Details

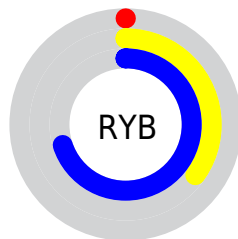
The Hex color **00ADB2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B20500**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E5EA**, and **00787D** is the 20% darker color. If you saturate the color by 10%, you get **00ADB2**, and if you desaturate by 10%, it is **12AEB2**.

Distribution



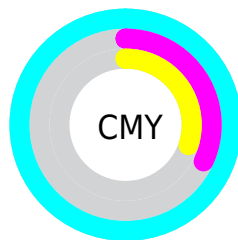
- Red (0%)
- Green (68%)
- Blue (70%)



- Red (0%)
- Yellow (35%)
- Blue (70%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00ADB2 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 00ADB2 by changing the saturation by 10% instead.

 00ADB2

 00ADB2

FFFFFF

 009297

 62E5EA

 00787D

 82FFFF

 005F64

 A0FFFF

 00464D

 BFFFFFF

 002F36

 DFFFFFF

 001921

 FCFFFF

 000008

 000000

 00ADB2

 12AEB2

 24AEB2

 35AFB2

 47AFB2

 59B0B2

 6BB0B2

 7DB1B2

 8EB1B2

 A0B2B2

Harmonies

Analogous

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



48AD90



00ADB2



0BAACE

Triad

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



00ADB2



BB8BC5



BA965B

Complementary

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



00ADB2



B20500

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.



D18B6A



00ADB2



D583A7

Square

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



00ADB2



9197D9



DC8386



9AA15D

Rectangle

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



00ADB2



43A5D9



DC8386



C3925E

Sweetspot

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



00ADB2



A2E6E8



00B203



4B7475



F5F5F5



757575

Same Dimension

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



00ADB2



00E2E8



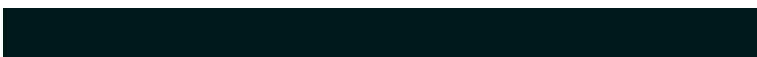
0056B2



505959



009599



00191A

Inverse Universe

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



B200AD



E800E2



B25C00



595059



990095



1A0019

Previews

White Background



This preview shows how the Hex color 00ADB2 looks on a white background.

Color Contrast Check

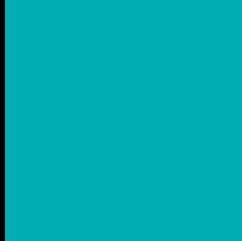
Large Text (above 18pt) WCAG AA × Fail

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 00ADB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

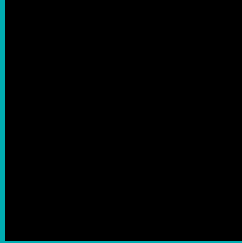
Any Text WCAG AA ✓ Pass

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 00ADB2 Background



This preview shows how black text looks on a background with the Hex color 00ADB2.

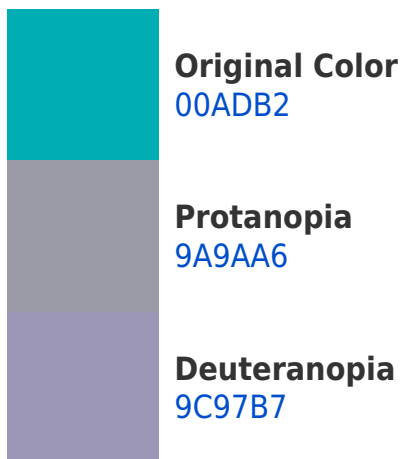


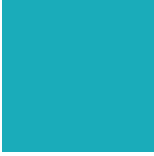
This preview shows how white text looks on a background with the Hex color 00ADB2.

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

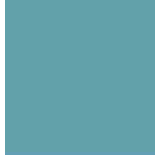




Trichromacy



Original Color
00ADB2



Protanomaly
62A1AA



Deuteranomaly
639FB5



Tritanomaly
11ACB7

Monochromacy



Original Color
00ADB2



Achromatopsia
7A7A7A



Achromatomaly
4E8D8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00ADB2 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 #00ADB2 looks like.

```
.text, #text, p{  
    color:#00ADB2  
}
```

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 #00ADB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ADB2
}
```

Border

The CSS property to change the border of an element to Hex 00ADB2 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
#00ADB2 }
```

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

```
.border{ border-color:#00ADB2 }
```

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

Here you see how a box with a 4 pixel #00ADB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ADB2; -webkit-box-shadow:4px 4px  
4px 4px #00ADB2; box-shadow:4px 4px 4px  
4px #00ADB2 }
```

Background

The CSS property to change the background color of an element to Hex 00ADB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ADB2 }
```

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

```
.background{ background-color:#00ADB2 }
```

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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