

Converting Colors

Hex(00AED1)

Have a look what the booklet for
Hex(00AED1) contains.

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Color

Hex(00AED1)

Conversions

Conversions Part 1

Format	Color
Hex	00AED1
RGB	0, 174, 209
RGB Percent	0%, 68%, 82%
CMY	1.0000, 0.3176, 0.1804
CMYK	1.00, 0.17, 0.00, 0.18
HSL	190°, 100%, 41%
HSV	190°, 100%, 82%
XYZ	26.6447, 34.8756, 65.6489
YIQ	125.9640, -114.9390, -26.0030

Conversions

Conversions Part 2

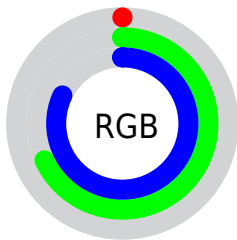
Format	Color
RYB	0, 95, 209
Decimal	44753
CIELab	65.65, -24.71, -28.18
CIELCh	66, 37.482, 228.754
Yxy	34.8756, 0.2095, 0.2742
Android (android.graphics.Color)	4278234833 (0xFF00AED1)
YUV	125.9640, 40.9367, -110.4704
Hunter-Lab	59.0555, -22.8115, -24.5707

Details

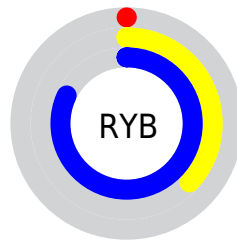
The Hex color **00AED1** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D12300**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **67E6FF**, and **00799A** is the 20% darker color. If you saturate the color by 10%, you get **00AED1**, and if you desaturate by 10%, it is **15B1D1**.

Distribution



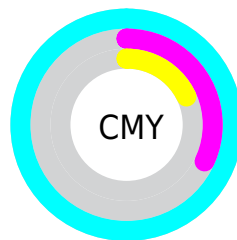
- Red (0%)
- Green (68%)
- Blue (82%)



- Red (0%)
- Yellow (37%)
- Blue (82%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AED1 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 00AED1 by changing the saturation by 10% instead.

 00AED1

 00AED1

FFFFFF

 0093B5

 67E6FF

 00799A

 88FFFF

 006080

 A7FFFF

 004867

 C6FFFF

 00314F

 E5FFFF

 001E38

 000222

 000008

 000000

■ 00AED1

■ 15B1D1

■ 2AB5D1

■ 3FB8D1

■ 54BCD1

■ 69BFD1

■ 7DC3D1

■ 92C6D1

■ A7CAD1

■ BCCDD1

Harmonies

Analogous

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



08B1B4



00AED1



56A7E1

Triad

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



00AED1



D986AE



A0A45F

Complementary

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



00AED1



D12300

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.



C0995D



00AED1



E1868C

Square

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



00AED1



BD8FCC



D88E6E



7AAC72

Rectangle

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



00AED1



7E9FE2



D88E6E



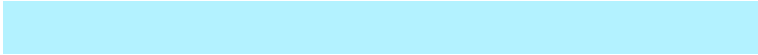
ACA15C

Sweetspot

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



00AED1



B3F2FF



00D123



527880



000000



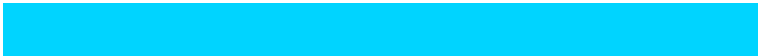
808080

Same Dimension

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



00AED1



00D4FF



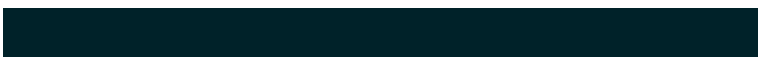
0046D1



5E6769



008CA8



002229

Inverse Universe

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



D100AE



FF00D4



D18B00



695E67



A8008C



290022

Previews

White Background



This preview shows how the Hex color 00AED1 looks on a white background.

Color Contrast Check

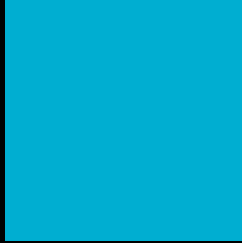
Large Text (above 18pt) WCAG AA × Fail

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 00AED1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

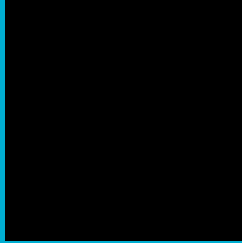
Any Text WCAG AA ✓ Pass

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 00AED1 Background



This preview shows how black text looks on a background with the Hex color 00AED1.

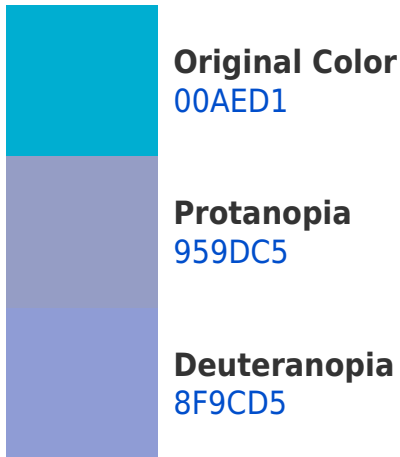


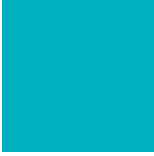
This preview shows how white text looks on a background with the Hex color 00AED1.

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
00AED1



Protanomaly
5FA3C9



Deuteranomaly
5BA3D4



Tritanomaly
00AFC5

Monochromacy



Original Color
00AED1



Achromatopsia
7E7E7E



Achromatomaly
508F9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AED1 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 #00AED1 looks like.

```
.text, #text, p{  
    color:#00AED1  
}
```

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 #00AED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AED1
}
```

Border

The CSS property to change the border of an element to Hex 00AED1 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
#00AED1 }
```

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

```
.border{ border-color:#00AED1 }
```

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

Here you see how a box with a 4 pixel #00AED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AED1; -webkit-box-shadow:4px 4px  
4px 4px #00AED1; box-shadow:4px 4px 4px  
4px #00AED1 }
```

Background

The CSS property to change the background color of an element to Hex 00AED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AED1 }
```

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

```
.background{ background-color:#00AED1 }
```

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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