

Converting Colors

Hex(0AD7E2)

Have a look what the booklet for
Hex(0AD7E2) contains.

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Color

Hex(0AD7E2)

Conversions

Conversions Part 1

Format	Color
Hex	0AD7E2
RGB	10, 215, 226
RGB Percent	4%, 84%, 89%
CMY	0.9608, 0.1569, 0.1137
CMYK	0.96, 0.05, 0.00, 0.11
HSL	183°, 92%, 46%
HSV	183°, 96%, 89%
XYZ	38.1531, 54.1564, 80.3939
YIQ	154.9590, -125.7110, -40.0390

Conversions

Conversions Part 2

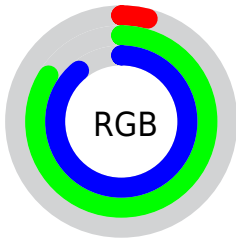
Format	Color
RYB	10, 115, 226
Decimal	710626
CIELab	78.55, -38.72, -17.74
CIELCh	79, 42.591, 204.621
Yxy	54.1564, 0.2209, 0.3136
Android (android.graphics.Color)	4278900706 (0xFF0AD7E2)
YUV	154.9590, 35.0232, -127.1290
Hunter-Lab	73.5910, -36.2414, -13.2571

Details

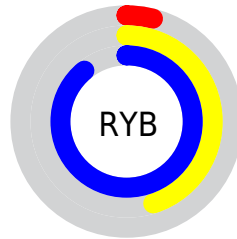
The Hex color **0AD7E2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E2150A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **71FFFF**, and **00A0AB** is the 20% darker color. If you saturate the color by 10%, you get **00D6E2**, and if you desaturate by 10%, it is **21D8E2**.

Distribution



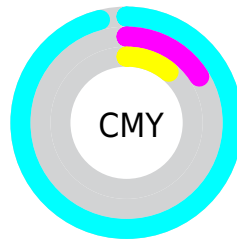
- Red (4%)
- Green (84%)
- Blue (89%)



- Red (4%)
- Yellow (45%)
- Blue (89%)



- Cyan (96%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AD7E2 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 0AD7E2 by changing the saturation by 10% instead.

 0AD7E2

 0AD7E2

FFFFFF

 00BBC6

 71FFFF

 00A0AB

 93FFFF

 008590

 B3FFFF

 006B77

 D3FFFF

 00525E

 F3FFFF

 003A46

 002630

 00011C

 000000

■ 0AD7E2

■ 0AD7E2

■ 00D6E2

■ 21D8E2

■ 37D9E2

■ 4EDAE2

■ 64DCE2

■ 7BDDE2

■ 92DEE2

■ A8DFE2

■ BFE0E2

■ D5E1E2

Harmonies

Analogous

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



57D7BA



0AD7E2



2DD2FF

Triad

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



0AD7E2



EDADF1



E3BE73

Complementary

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



0AD7E2



E2150A

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.



FFB083



0AD7E2



FFA4CB

Square

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



0AD7E2



BDBBFF



FFA5A3



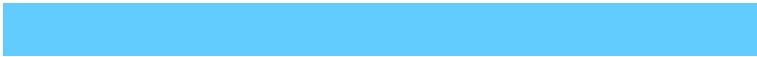
BBCA79

Rectangle

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



0AD7E2



63CCFF



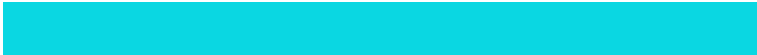
FFA5A3



EEB976

Sweetspot

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



0AD7E2



B5FBFF



0AE215



537D80



000000



808080

Same Dimension

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



0AD7E2



00F2FF



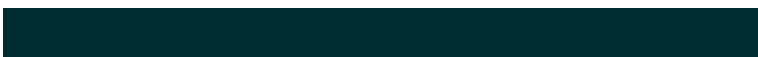
0A6BE2



657070



00A7B0



002E30

Inverse Universe

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



E20AD7



FF00F2



E2810A



706570



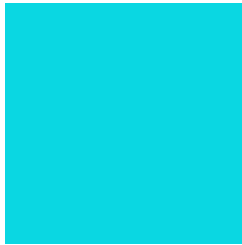
B000A7



30002E

Previews

White Background



This preview shows how the Hex color 0AD7E2 looks on a white background.

Color Contrast Check

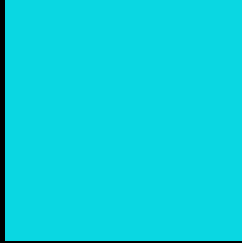
Large Text (above 18pt) WCAG AA × Fail

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 0AD7E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

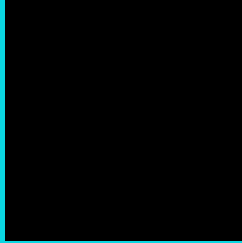
Any Text WCAG AA ✓ Pass

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 0AD7E2 Background



This preview shows how black text looks on a background with the Hex color 0AD7E2.

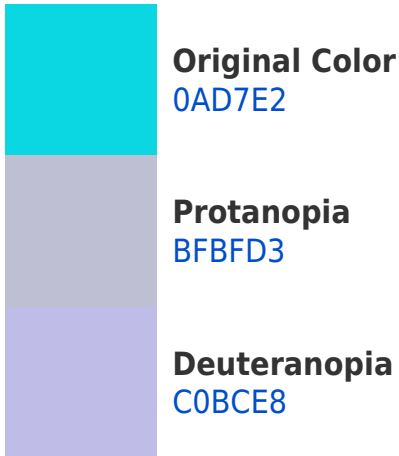


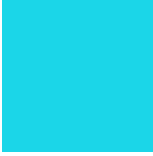
This preview shows how white text looks on a background with the Hex color 0AD7E2.

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



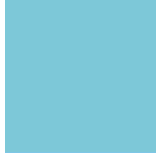


Tritanopia
1BD6E8

Trichromacy



Original Color
0AD7E2



Protanomaly
7DC8D8



Deuteranomaly
7EC6E6

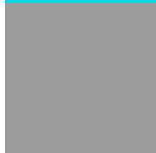


Tritanomaly
15D6E6

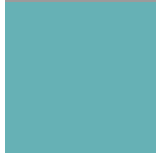
Monochromacy



Original Color
0AD7E2



Achromatopsia
9B9B9B



Achromatomaly
66B1B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AD7E2 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 #0AD7E2 looks like.

```
.text, #text, p{  
    color:#0AD7E2  
}
```

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 #0AD7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AD7E2
}
```

Border

The CSS property to change the border of an element to Hex 0AD7E2 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
#0AD7E2 }
```

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

```
.border{ border-color:#0AD7E2 }
```

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

Here you see how a box with a 4 pixel #0AD7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AD7E2; -webkit-box-shadow:4px 4px  
4px 4px #0AD7E2; box-shadow:4px 4px 4px  
4px #0AD7E2 }
```

Background

The CSS property to change the background color of an element to Hex 0AD7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AD7E2 }
```

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

```
.background{ background-color:#0AD7E2 }
```

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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