

Converting Colors

Hex(0AC7E6)

Have a look what the booklet for
Hex(0AC7E6) contains.

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Color

Hex(0AC7E6)

Conversions

Conversions Part 1

Format	Color
Hex	0AC7E6
RGB	10, 199, 230
RGB Percent	4%, 78%, 90%
CMY	0.9608, 0.2196, 0.0980
CMYK	0.96, 0.13, 0.00, 0.10
HSL	188°, 92%, 47%
HSV	188°, 96%, 90%
XYZ	34.8315, 46.6245, 82.0265
YIQ	146.0230, -122.5950, -30.4270

Conversions

Conversions Part 2

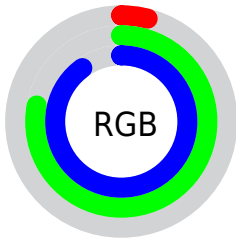
Format	Color
RYB	10, 112, 230
Decimal	706534
CIELab	73.95, -29.90, -26.90
CIELCh	74, 40.221, 221.969
Yxy	46.6245, 0.2131, 0.2852
Android (android.graphics.Color)	4278896614 (0xFF0AC7E6)
YUV	146.0230, 41.4007, -119.2922
Hunter-Lab	68.2822, -28.4389, -23.4268

Details

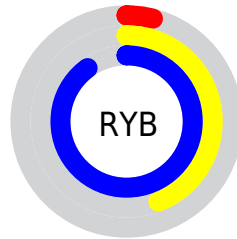
The Hex color **0AC7E6** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **E6290A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6FFFFFF**, and **0091AE** is the 20% darker color. If you saturate the color by 10%, you get **00C6E6**, and if you desaturate by 10%, it is **21CAE6**.

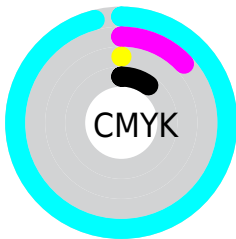
Distribution



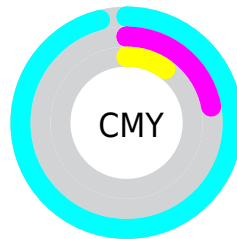
- Red (4%)
- Green (78%)
- Blue (90%)



- Red (4%)
- Yellow (44%)
- Blue (90%)



- Cyan (96%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (96%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC7E6 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 0AC7E6 by changing the saturation by 10% instead.

 0AC7E6


 0AC7E6

FFFFFF

 00ABCA

 6FFFFFF

 0091AE

 91FFFF

 007794

 B1FFFF

 005E7A

 D1FFFF

 004561

 F0FFFF

 002E49

 001932

 00021D

 000000

■ 0AC7E6

■ 0AC7E6

■ 00C6E6

■ 21CAE6

■ 38CDE6

■ 4FD1E6

■ 66D4E6

■ 7DD7E6

■ 94DAE6

■ ABDEE6

■ C2E1E6

■ D9E4E6

Harmonies

Analogous

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



2FCAC4



0AC7E6



57C0FB

Triad

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



0AC7E6



F09CCE



BFB86C

Complementary

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



0AC7E6



E6290A

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.



E1AC70



0AC7E6



FE99A8

Square

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



0AC7E6



CDA7ED



F8A086



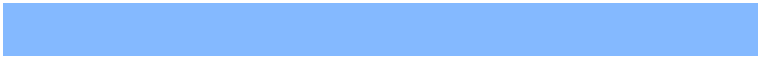
97C27E

Rectangle

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



0AC7E6



84B9FF



F8A086



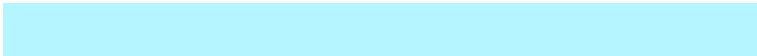
CCB46B

Sweetspot

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



0AC7E6



B5F5FF



0AE627



537980



000000



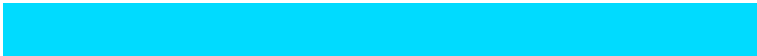
808080

Same Dimension

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



0AC7E6



00DBFF



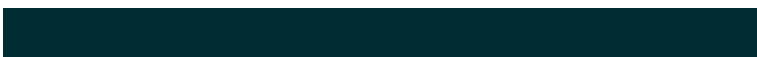
0A5BE6



677173



0099B3



002C33

Inverse Universe

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



E60AC7



FF00DB



E6950A



736771



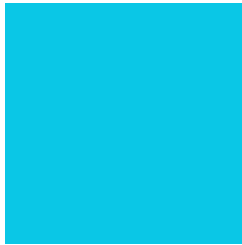
B30099



33002C

Previews

White Background



This preview shows how the Hex color 0AC7E6 looks on a white background.

Color Contrast Check

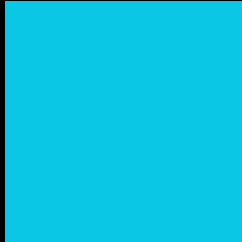
Large Text (above 18pt) WCAG AA × Fail

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 0AC7E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

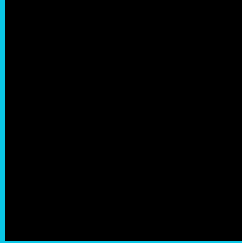
Any Text WCAG AA ✓ Pass

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 0AC7E6 Background



This preview shows how black text looks on a background with the Hex color 0AC7E6.

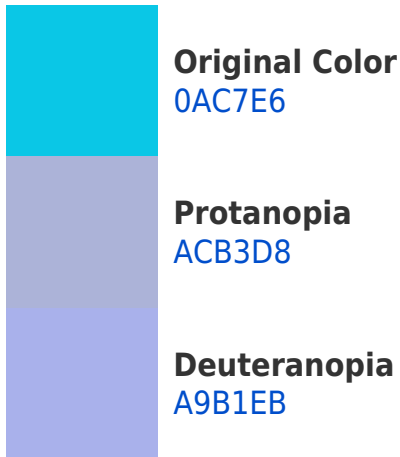


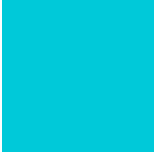
This preview shows how white text looks on a background with the Hex color 0AC7E6.

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



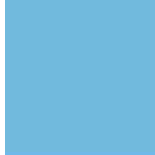


Tritanopia
00C9D9

Trichromacy



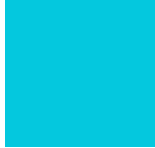
Original Color
0AC7E6



Protanomaly
71BADD



Deuteranomaly
6FB9E9



Tritanomaly
04C8DE

Monochromacy



Original Color
0AC7E6



Achromatopsia
929292



Achromatomaly
61A5B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC7E6 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 #0AC7E6 looks like.

```
.text, #text, p{  
    color:#0AC7E6  
}
```

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 #0AC7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC7E6
}
```

Border

The CSS property to change the border of an element to Hex 0AC7E6 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
#0AC7E6 }
```

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

```
.border{ border-color:#0AC7E6 }
```

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

Here you see how a box with a 4 pixel #0AC7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC7E6; -webkit-box-shadow:4px 4px  
4px 4px #0AC7E6; box-shadow:4px 4px 4px  
4px #0AC7E6 }
```

Background

The CSS property to change the background color of an element to Hex 0AC7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC7E6 }
```

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

```
.background{ background-color:#0AC7E6 }
```

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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