

Converting Colors

Hex(0DACE4)

Have a look what the booklet for
Hex(0DACE4) contains.

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Color

Hex(0DACE4)

Conversions

Conversions Part 1

Format	Color
Hex	0DACE4
RGB	13, 172, 228
RGB Percent	5%, 67%, 89%
CMY	0.9490, 0.3255, 0.1059
CMYK	0.94, 0.25, 0.00, 0.11
HSL	196°, 89%, 47%
HSV	196°, 94%, 89%
XYZ	28.9221, 35.1920, 78.6672
YIQ	130.8430, -112.7400, -16.2920

Conversions

Conversions Part 2

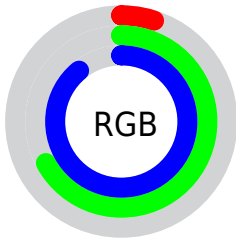
Format	Color
RYB	13, 104, 228
Decimal	896228
CIELab	65.90, -16.70, -38.26
CIELCh	66, 41.747, 246.415
Yxy	35.1920, 0.2026, 0.2465
Android (android.graphics.Color)	4279086308 (0xFF0DACE4)
YUV	130.8430, 47.8984, -103.3483
Hunter-Lab	59.3229, -16.7897, -37.0975

Details

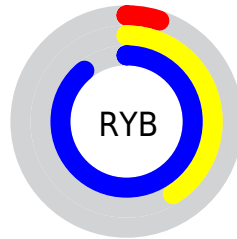
The Hex color **0DACE4** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E4450D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DE3FF**, and **0078AC** is the 20% darker color. If you saturate the color by 10%, you get **00A9E4**, and if you desaturate by 10%, it is **24B2E4**.

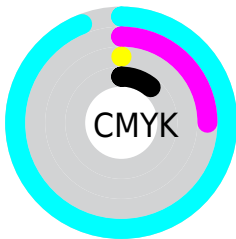
Distribution



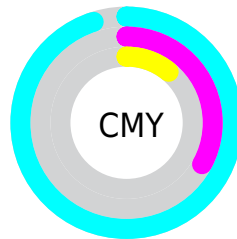
- Red (5%)
- Green (67%)
- Blue (89%)



- Red (5%)
- Yellow (41%)
- Blue (89%)



- Cyan (94%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DACE4 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 0DACE4 by changing the saturation by 10% instead.

 0DACE4

 0DACE4

FFFFFF

 0091C8

 6DE3FF

 0078AC

 8EFFFF

 005F92

 ADFFFF

 004778

 CDFFFF

 00315E

 ECFFFF

 001E46

 000430

 00011A

 000000


 0DACE4

 0DACE4

 00A9E4

 24B2E4

 3BB8E4

 51BEE4

 68C4E4

 7FCAE4

 96D0E4

 ADD6E4

 C3DCE4

 DAE1E4

Harmonies

Analogous

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



00B2CB



0DACE4



73A1EA

Triad

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



0DACE4



E78299



88AB62

Complementary

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



ODACE4



E4450D

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.



B0A154



0DACE4



E48776

Square

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



0DACE4



D587BF



D0945C



57B181

Rectangle

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



0DACE4



9D98E3



D0945C



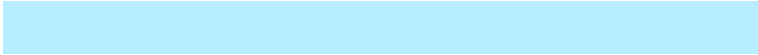
96A85B

Sweetspot

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



0DACE4



B8ECFF



0DE443



547480



000000



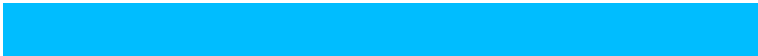
808080

Same Dimension

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



0DACE4



00BDFF



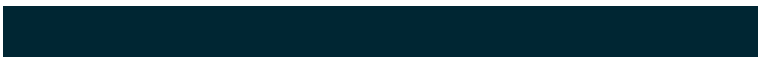
0D43E4



677073



0084B3



002633

Inverse Universe

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



E40DAC



FF00BD



E4AE0D



736770



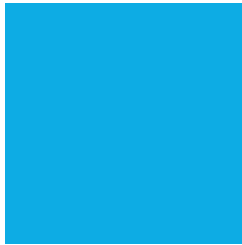
B30084



330026

Previews

White Background



This preview shows how the Hex color 0DACE4 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 0DACE4 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 0DACE4 Background



This preview shows how black text looks on a background with the Hex color 0DACE4.

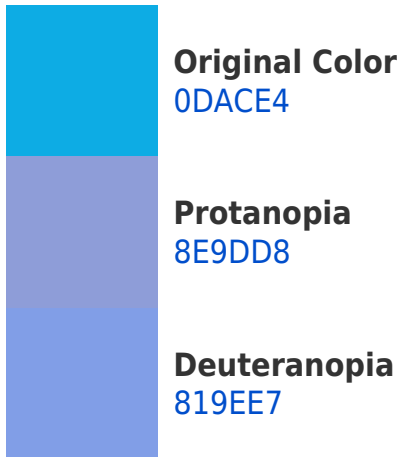


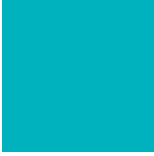
This preview shows how white text looks on a background with the Hex color 0DACE4.

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
00B1BE

Trichromacy



Original Color
0DACE4



Protanomaly
5FA2DC



Deuteranomaly
57A3E6



Tritanomaly
05AFCC

Monochromacy



Original Color
0DACE4



Achromatopsia
838383



Achromatomaly
5892A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DACE4 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 #0DACE4 looks like.

```
.text, #text, p{  
    color:#0DACE4  
}
```

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 #0DACE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DACE4
}
```

Border

The CSS property to change the border of an element to Hex 0DACE4 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
#0DACE4 }
```

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

```
.border{ border-color:#0DACE4 }
```

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

Here you see how a box with a 4 pixel #0DACE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DACE4; -webkit-box-shadow:4px 4px  
4px 4px #0DACE4; box-shadow:4px 4px 4px  
4px #0DACE4 }
```

Background

The CSS property to change the background color of an element to Hex 0DACE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DACE4 }
```

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

```
.background{ background-color:#0DACE4 }
```

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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