

Converting Colors

Hex(0EB9DB)

Have a look what the booklet for
Hex(0EB9DB) contains.

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Color

Hex(0EB9DB)

Conversions

Conversions Part 1

Format	Color
Hex	0EB9DB
RGB	14, 185, 219
RGB Percent	5%, 73%, 86%
CMY	0.9451, 0.2745, 0.1412
CMYK	0.94, 0.16, 0.00, 0.14
HSL	190°, 88%, 46%
HSV	190°, 94%, 86%
XYZ	30.3162, 39.9058, 73.1226
YIQ	137.7470, -112.8300, -25.6780

Conversions

Conversions Part 2

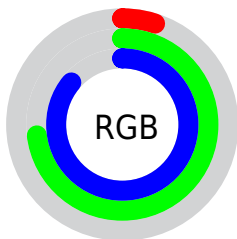
Format	Color
RYB	14, 107, 219
Decimal	965083
CIELab	69.40, -26.49, -27.90
CIELCh	69, 38.470, 226.484
Yxy	39.9058, 0.2115, 0.2784
Android (android.graphics.Color)	4279155163 (0xFF0EB9DB)
YUV	137.7470, 40.0577, -108.5261
Hunter-Lab	63.1710, -24.8857, -24.4105

Details

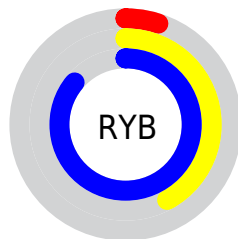
The Hex color **0EB9DB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB300E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6CF1FF**, and **0084A4** is the 20% darker color. If you saturate the color by 10%, you get **00B7DB**, and if you desaturate by 10%, it is **24BDDB**.

Distribution



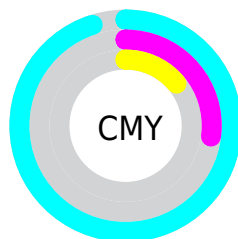
- Red (5%)
- Green (73%)
- Blue (86%)



- Red (5%)
- Yellow (42%)
- Blue (86%)



- Cyan (94%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (95%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB9DB 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 0EB9DB by changing the saturation by 10% instead.

 0EB9DB

 0EB9DB

FFFFFF

 009EBF

 6CF1FF

 0084A4

 8DFFFF

 006A8A

 ADFFFF

 005270

 CCFFFF

 003A57

 EBFFFF

 002540

 00032A

 000114

 000000

 0EB9DB

 0EB9DB

 00B7DB


 24BDDB

 3AC0DB

 50C4DB

 66C8DB

 7BCBDB

 91CFDB

 A7D2DB

 BDD6DB

 D3DADB

Harmonies

Analogous

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



1FBCBC



0EB9DB



59B2ED

Triad

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



0EB9DB



E390BB



ADAD65

Complementary

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



0EB9DB



DB300E

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.



CEA266



0EB9DB



EE8F97

Square

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



0EB9DB



C599DA



E59678



86B678

Rectangle

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



0EB9DB



83AAEE



E59678



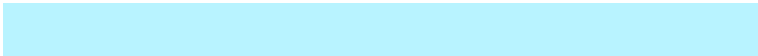
B9AA63

Sweetspot

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



0EB9DB



B8F3FF



0EDB2D



547880



000000



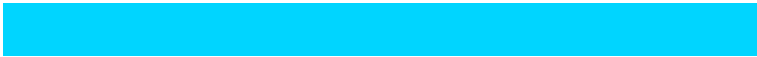
808080

Same Dimension

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



0EB9DB



00D5FF



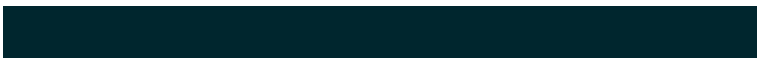
0E56DB



636C6E



0091AD



00262E

Inverse Universe

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



DB0EB9



FF00D5



DB930E



6E636C



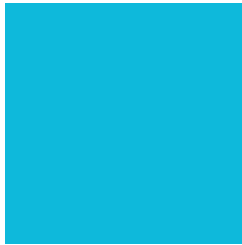
AD0091



2E0026

Previews

White Background



This preview shows how the Hex color 0EB9DB looks on a white background.

Color Contrast Check

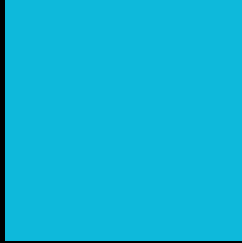
Large Text (above 18pt) WCAG AA × Fail

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 0EB9DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

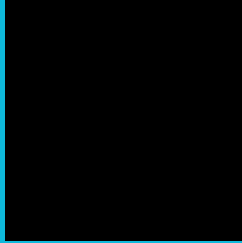
Any Text WCAG AA ✓ Pass

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 0EB9DB Background



This preview shows how black text looks on a background with the Hex color 0EB9DB.



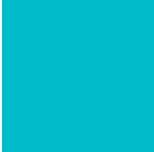
This preview shows how white text looks on a background with the Hex color 0EB9DB.

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
00BBCA

Trichromacy



Original Color
0EB9DB



Protanomaly
6AAED3



Deuteranomaly
67ADDE



Tritanomaly
05BAD0

Monochromacy



Original Color
0EB9DB



Achromatopsia
8A8A8A



Achromatomaly
5D9BA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB9DB 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 #0EB9DB looks like.

```
.text, #text, p{  
    color:#0EB9DB  
}
```

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 #0EB9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB9DB
}
```

Border

The CSS property to change the border of an element to Hex 0EB9DB 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
#0EB9DB }
```

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

```
.border{ border-color:#0EB9DB }
```

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

Here you see how a box with a 4 pixel #0EB9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB9DB; -webkit-box-shadow:4px 4px  
4px 4px #0EB9DB; box-shadow:4px 4px 4px  
4px #0EB9DB }
```

Background

The CSS property to change the background color of an element to Hex 0EB9DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB9DB }
```

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

```
.background{ background-color:#0EB9DB }
```

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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