

Converting Colors

Hex(0FBDDDB)

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

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Color

Hex(0FBDDDB)

Conversions

Conversions Part 1

Format	Color
Hex	0FBDDB
RGB	15, 189, 219
RGB Percent	6%, 74%, 86%
CMY	0.9412, 0.2588, 0.1412
CMYK	0.93, 0.14, 0.00, 0.14
HSL	189°, 87%, 46%
HSV	189°, 93%, 86%
XYZ	31.1808, 41.6112, 73.4062
YIQ	140.3940, -113.3340, -27.5580

Conversions

Conversions Part 2

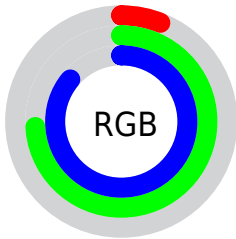
Format	Color
RYB	15, 109, 219
Decimal	1031643
CIELab	70.60, -28.44, -26.06
CIELCh	71, 38.573, 222.492
Yxy	41.6112, 0.2133, 0.2846
Android (android.graphics.Color)	4279221723 (0xFF0FBDDDB)
YUV	140.3940, 38.7528, -109.9705
Hunter-Lab	64.5068, -26.6049, -22.3150

Details

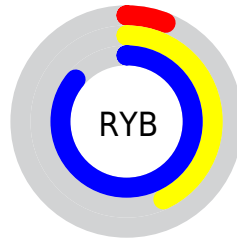
The Hex color **0FBDDB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB2D0F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DF6FF**, and **0087A4** is the 20% darker color. If you saturate the color by 10%, you get **00BBDB**, and if you desaturate by 10%, it is **25C0DB**.

Distribution



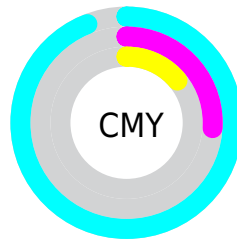
- Red (6%)
- Green (74%)
- Blue (86%)



- Red (6%)
- Yellow (43%)
- Blue (86%)



- Cyan (93%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 0FBDDDB

 0FBDDDB

FFFFFF

 00A2BF

 6DF6FF

 0087A4

 8EFFFF

 006E8A

 AEFFFF

 005570

 CDFFFF

 003D58

 ECFFFF

 002740

 00072A

 000115

 000000

0FBDDDB

0FBDDDB

00BBDB

25C0DB

3BC3DB

51C7DB

67CADB

7DCDDB

92D0DB

A8D4DB

BED7DB

D4DADB

Harmonies

Analogous

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



2DC0BB



0FBDDB



54B6EF

Triad

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



0FBDDB



E494C3



B5AF67

Complementary

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



0FBDD8



DB2D0F

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.



D5A36A



0FBDDB



F1919F

Square

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



0FBDDB



C39EE1



EB987F



8EB878

Rectangle

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



0FBDDB



7EAFF2



EB987F



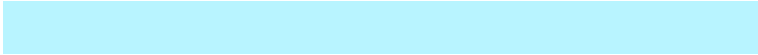
C1AC66

Sweetspot

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



0FBDDB



B8F4FF



0FDB2A



547980



000000



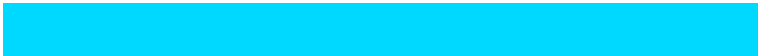
808080

Same Dimension

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



0FBDDB



00D9FF



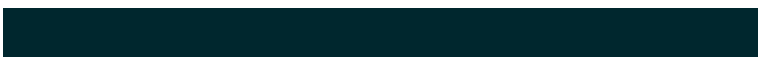
0F5ADB



636C6E



0094AD



00272E

Inverse Universe

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



DB0FBD



FF00DA



DB900F



6E636C



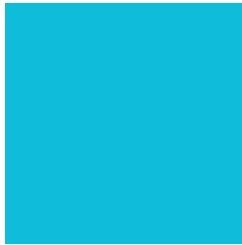
AD0094



2E0027

Previews

White Background



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

Color Contrast Check

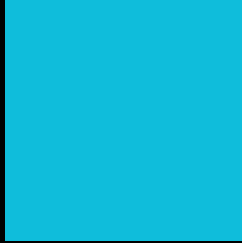
Large Text (above 18pt) WCAG AA × Fail

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 0FBDDB 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 0FBDDDB Background



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

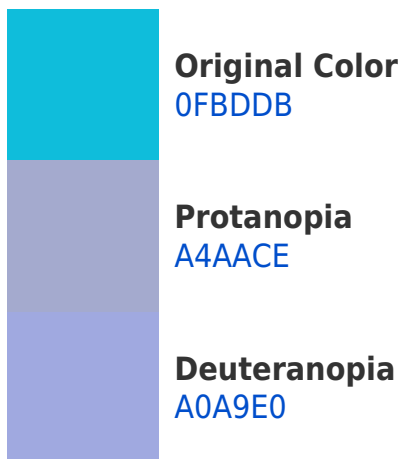


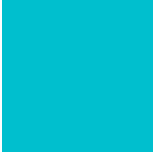
This preview shows how white text looks on a background with the Hex color 0FBDDDB.

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
00BFCE

Trichromacy



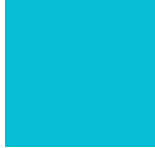
Original Color
0FBDDB



Protanomaly
6EB1D3



Deuteranomaly
6BB0DE



Tritanomaly
05BED3

Monochromacy



Original Color
0FBDDB



Achromatopsia
8C8C8C



Achromatomaly
5F9EA9

CSS Examples

Text

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

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

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 #0FBDDDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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