

Converting Colors

Hex(0BB5DB)

Have a look what the booklet for
Hex(0BB5DB) contains.

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Color

Hex(0BB5DB)

Conversions

Conversions Part 1

Format	Color
Hex	0BB5DB
RGB	11, 181, 219
RGB Percent	4%, 71%, 86%
CMY	0.9569, 0.2902, 0.1412
CMYK	0.95, 0.17, 0.00, 0.14
HSL	191°, 90%, 45%
HSV	191°, 95%, 86%
XYZ	29.4481, 38.2334, 72.8455
YIQ	134.5020, -113.5180, -24.2220

Conversions

Conversions Part 2

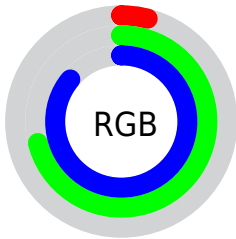
Format	Color
RYB	11, 105, 219
Decimal	767451
CIELab	68.19, -24.57, -29.76
CIELCh	68, 38.592, 230.464
Yxy	38.2334, 0.2096, 0.2721
Android (android.graphics.Color)	4278957531 (0xFF0BB5DB)
YUV	134.5020, 41.6575, -108.3113
Hunter-Lab	61.8331, -23.1973, -26.5663

Details

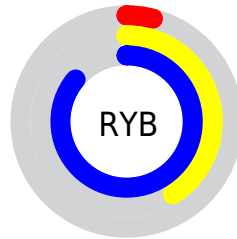
The Hex color **0BB5DB** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DB310B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BEDFF**, and **0080A4** is the 20% darker color. If you saturate the color by 10%, you get **00B3DB**, and if you desaturate by 10%, it is **21B9DB**.

Distribution



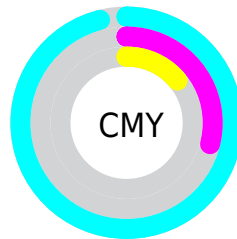
- Red (4%)
- Green (71%)
- Blue (86%)



- Red (4%)
- Yellow (41%)
- Blue (86%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (96%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BB5DB 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 0BB5DB by changing the saturation by 10% instead.

 0BB5DB

 0BB5DB

FFFFFF

 009ABF


 6BEDFF

 0080A4

 8CFFFF

 006789

 ACFFFF

 004E70

 CBFFFF

 003757

 EAFFFF

 002340

 00032A

 000114

 000000

■ 0BB5DB

■ 0BB5DB

■ 00B3DB

■ 21B9DB

■ 37BDDB

■ 4DC1DB

■ 63C5DB

■ 78C9DB

■ 8ECDDDB

■ A4D1DB

■ BAD5DB

■ D0D9DB

Harmonies

Analogous

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



03B9BD



0BB5DB



5EADEA

Triad

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



0BB5DB



E38CB3



A5AC64

Complementary

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



0BB5DB



DB310B

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.



C7A061



0BB5DB



EA8C90

Square

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



0BB5DB



C795D3



DF9472



7DB479

Rectangle

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



0BB5DB



87A6EA



DF9472



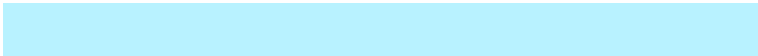
B1A861

Sweetspot

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



0BB5DB



B8F2FF



0BDB2E



547880



000000



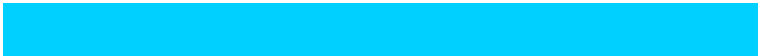
808080

Same Dimension

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



0BB5DB



00D0FF



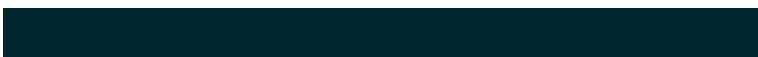
0B50DB



636C6E



008EAD



00262E

Inverse Universe

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



DB0BB5



FF00D0



DB960B



6E636C



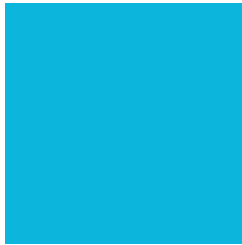
AD008E



2E0026

Previews

White Background



This preview shows how the Hex color 0BB5DB 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 0BB5DB 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 0BB5DB Background



This preview shows how black text looks on a background with the Hex color 0BB5DB.

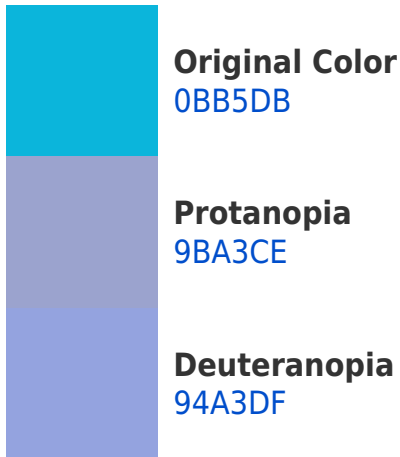


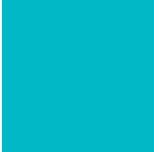
This preview shows how white text looks on a background with the Hex color 0BB5DB.

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
00B8C6

Trichromacy



Original Color
0BB5DB



Protanomaly
67AAD3



Deuteranomaly
62AADE



Tritanomaly
04B7CE

Monochromacy



Original Color
0BB5DB



Achromatopsia
878787



Achromatomaly
5A98A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BB5DB 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 #0BB5DB looks like.

```
.text, #text, p{  
    color:#0BB5DB  
}
```

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 #0BB5DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BB5DB
}
```

Border

The CSS property to change the border of an element to Hex 0BB5DB 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
#0BB5DB }
```

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

```
.border{ border-color:#0BB5DB }
```

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

Here you see how a box with a 4 pixel #0BB5DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BB5DB; -webkit-box-shadow:4px 4px  
4px 4px #0BB5DB; box-shadow:4px 4px 4px  
4px #0BB5DB }
```

Background

The CSS property to change the background color of an element to Hex 0BB5DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BB5DB }
```

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

```
.background{ background-color:#0BB5DB }
```

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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