

Converting Colors

Hex(0BBCE8)

Have a look what the booklet for
Hex(0BBCE8) contains.

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Color

Hex(0BBCE8)

Conversions

Conversions Part 1

Format	Color
Hex	0BBCE8
RGB	11, 188, 232
RGB Percent	4%, 74%, 91%
CMY	0.9569, 0.2627, 0.0902
CMYK	0.95, 0.19, 0.00, 0.09
HSL	192°, 91%, 48%
HSV	192°, 95%, 91%
XYZ	32.6867, 41.8638, 82.7017
YIQ	140.0930, -119.6160, -23.8400

Conversions

Conversions Part 2

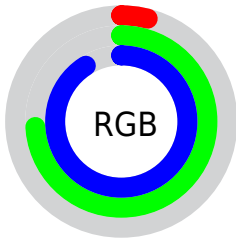
Format	Color
RYB	11, 109, 232
Decimal	769256
CIELab	70.78, -23.73, -32.86
CIELCh	71, 40.538, 234.166
Yxy	41.8638, 0.2079, 0.2662
Android (android.graphics.Color)	4278959336 (0xFF0BBCE8)
YUV	140.0930, 45.3102, -113.2146
Hunter-Lab	64.7022, -23.0530, -30.4923

Details

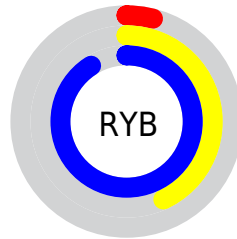
The Hex color **0BBCE8** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E8370B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6FF4FF**, and **0087B0** is the 20% darker color. If you saturate the color by 10%, you get **00BAE8**, and if you desaturate by 10%, it is **22C1E8**.

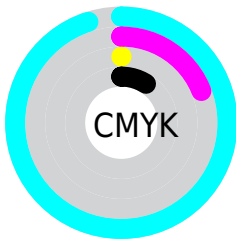
Distribution



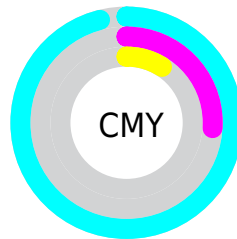
- Red (4%)
- Green (74%)
- Blue (91%)



- Red (4%)
- Yellow (43%)
- Blue (91%)



- Cyan (95%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BBCE8 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 0BBCE8 by changing the saturation by 10% instead.

 0BBCE8

 0BBCE8

FFFFFF

 00A1CC


 6FF4FF

 0087B0

 90FFFF

 006D95

 B0FFFF

 00557B

 D0FFFF

 003D62

 EFFFFFF

 00274A

 000A34

 00021E

 000000

 0BBCE8

 0BBCE8

 00BAE8

 22C1E8

 39C5E8

 51CAE8

 68CEE8

 7FD3E8

 96D8E8

 ADDCE8

 C5E1E8

 DCE6E8

Harmonies

Analogous

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



00C0CA



0BBCE8



68B3F6

Triad

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



0BBCE8



EF91B6



A7B468

Complementary

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



0BBCE8



E8370B

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.



CBA963



0BBCE8



F49291

Square

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



0BBCE8



D599D9



E79C73



7BBC81

Rectangle

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



0BBCE8



93ABF4



E79C73



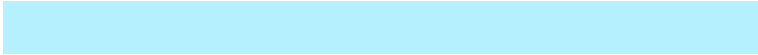
B4B164

Sweetspot

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



0BBCE8



B5F0FF



0BE834



537780



000000



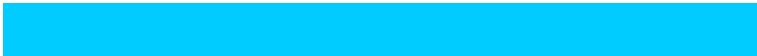
808080

Same Dimension

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



0BBCE8



00CCFF



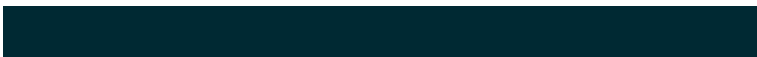
0B51E8



677073



008FB3



002933

Inverse Universe

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



E80BBC



FF00CC



E8A20B



736770



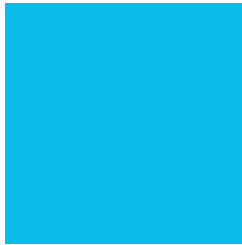
B3008F



330029

Previews

White Background



This preview shows how the Hex color 0BBCE8 looks on a white background.

Color Contrast Check

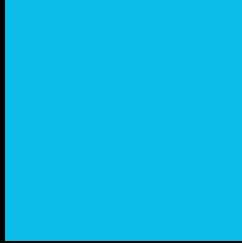
Large Text (above 18pt) WCAG AA × Fail

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 0BBCE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

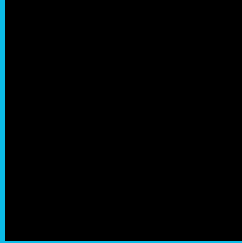
Any Text WCAG AA ✓ Pass

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 0BBCE8 Background



This preview shows how black text looks on a background with the Hex color 0BBCE8.

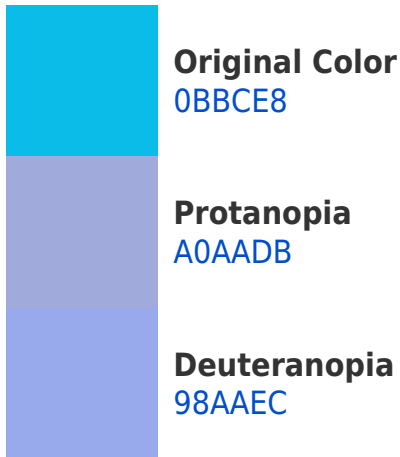


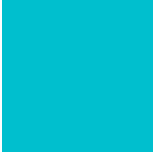
This preview shows how white text looks on a background with the Hex color 0BBCE8.

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](#).

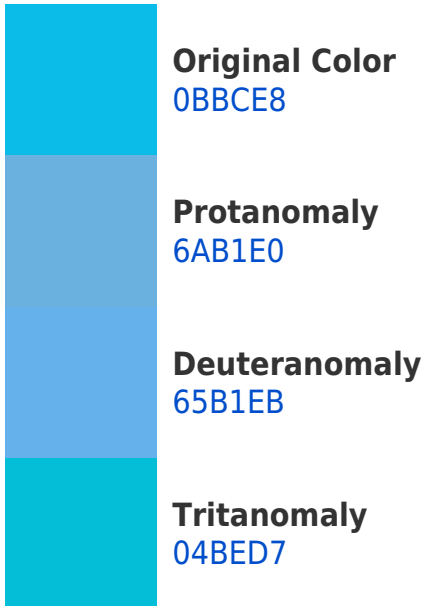
Dichromacy



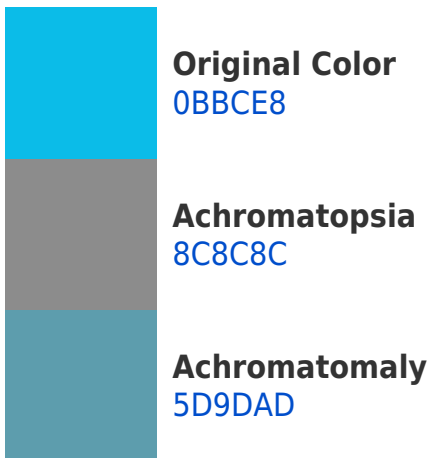


Tritanopia
00BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0BBCE8 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 #0BBCE8 looks like.

```
.text, #text, p{  
  color:#0BBCE8  
}
```

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 #0BBCE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BBCE8
}
```

Border

The CSS property to change the border of an element to Hex 0BBCE8 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
#0BBCE8 }
```

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

```
.border{ border-color:#0BBCE8 }
```

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

Here you see how a box with a 4 pixel #0BBCE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BBCE8; -webkit-box-shadow:4px 4px  
4px 4px #0BBCE8; box-shadow:4px 4px 4px  
4px #0BBCE8 }
```

Background

The CSS property to change the background color of an element to Hex 0BBCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BBCE8 }
```

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

```
.background{ background-color:#0BBCE8 }
```

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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