

Converting Colors

Hex(0BB8E9)

Have a look what the booklet for
Hex(0BB8E9) contains.

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Color

Hex(0BB8E9)

Conversions

Conversions Part 1

Format	Color
Hex	0BB8E9
RGB	11, 184, 233
RGB Percent	4%, 72%, 91%
CMY	0.9569, 0.2784, 0.0863
CMYK	0.95, 0.21, 0.00, 0.09
HSL	193°, 91%, 48%
HSV	193°, 95%, 91%
XYZ	31.9865, 40.2353, 83.1711
YIQ	137.8590, -118.8370, -21.4370

Conversions

Conversions Part 2

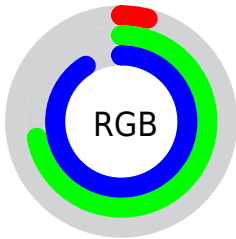
Format	Color
R_{YB}	11, 108, 233
Decimal	768233
CIE _{Lab}	69.64, -21.34, -35.17
CIE _{LCh}	70, 41.141, 238.758
Yxy	40.2353, 0.2058, 0.2589
Android (android.graphics.Color)	4278958313 (0xFF0BB8E9)
YUV	137.8590, 46.9045, -111.2553
Hunter-Lab	63.4313, -20.9927, -33.3391

Details

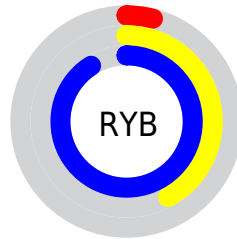
The Hex color **0BB8E9** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **E93C0B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6EF0FF**, and **0083B1** is the 20% darker color. If you saturate the color by 10%, you get **00B6E9**, and if you desaturate by 10%, it is **22BDE9**.

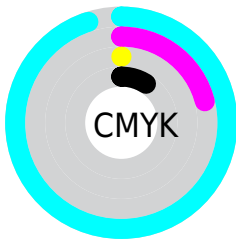
Distribution



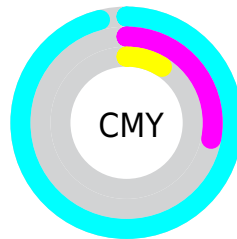
- Red (4%)
- Green (72%)
- Blue (91%)



- Red (4%)
- Yellow (42%)
- Blue (91%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (96%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BB8E9 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 0BB8E9 by changing the saturation by 10% instead.

 0BB8E9

 0BB8E9

FFFFFF

 009DCD

 6EF0FF

 0083B1

 90FFFF

 006A96

 B0FFFF

 00517C

 CFFFFFF

 003A63

 EFFFFFF

 00254B

 000434

 00021E

 000000

■ 0BB8E9

■ 0BB8E9

■ 00B6E9

■ 22BDE9

■ 3AC2E9

■ 51C7E9

■ 68CDE9

■ 80D2E9

■ 97D7E9

■ AEDCE9

■ C5E1E9

■ DDE6E9

Harmonies

Analogous

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



00BDCD



0BB8E9



6EAEF4

Triad

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



0BB8E9



EF8DAD



9DB367

Complementary

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



0BB8E9



E93C0B

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.



C3A75F



0BB8E9



F18F88

Square

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



0BB8E9



D794D1



E19A6B



70BA82

Rectangle

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



0BB8E9



99A6F1



E19A6B



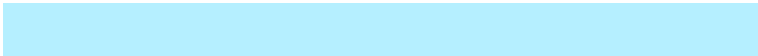
ABAF62

Sweetspot

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



0BB8E9



B5EFFF



0BE93B



537680



000000



808080

Same Dimension

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



0BB8E9



00C7FF



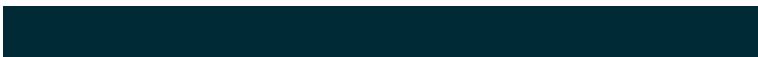
0B4AE9



6A7375



008DB5



002A36

Inverse Universe

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



E90BB8



FF00C7



E9AA0B



756A73



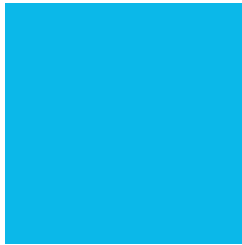
B5008D



36002A

Previews

White Background



This preview shows how the Hex color 0BB8E9 looks on a white background.

Color Contrast Check

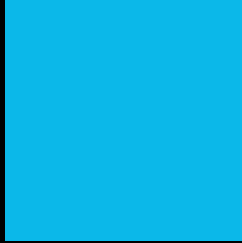
Large Text (above 18pt) WCAG AA × Fail

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 0BB8E9 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 0BB8E9 Background



This preview shows how black text looks on a background with the Hex color 0BB8E9.

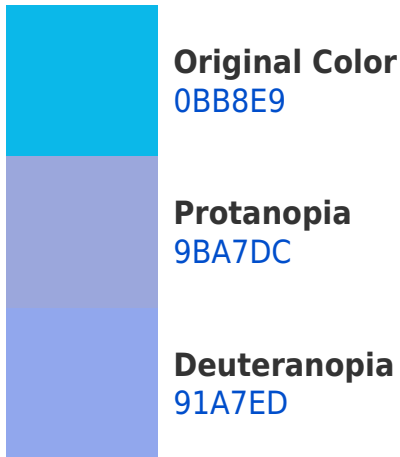


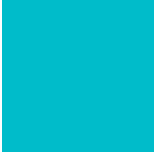
This preview shows how white text looks on a background with the Hex color 0BB8E9.

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
00BCCA

Trichromacy



Original Color
0BB8E9



Protanomaly
67ADE1



Deuteranomaly
60ADEC



Tritanomaly
04BBD5

Monochromacy



Original Color
0BB8E9



Achromatopsia
8A8A8A



Achromatomaly
5C9BAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BB8E9 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 #0BB8E9 looks like.

```
.text, #text, p{  
    color:#0BB8E9  
}
```

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 #0BB8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BB8E9
}
```

Border

The CSS property to change the border of an element to Hex 0BB8E9 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
#0BB8E9 }
```

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

```
.border{ border-color:#0BB8E9 }
```

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

Here you see how a box with a 4 pixel #0BB8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BB8E9; -webkit-box-shadow:4px 4px  
4px 4px #0BB8E9; box-shadow:4px 4px 4px  
4px #0BB8E9 }
```

Background

The CSS property to change the background color of an element to Hex 0BB8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BB8E9 }
```

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

```
.background{ background-color:#0BB8E9 }
```

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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