

# Converting Colors

Hex(0B8EE2)

Have a look what the booklet for  
Hex(0B8EE2) contains.

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# Color

Hex(0B8EE2)

# Conversions

## Conversions Part 1

Format	Color
Hex	0B8EE2
RGB	11, 142, 226
RGB Percent	4%, 56%, 89%
CMY	0.9569, 0.4431, 0.1137
CMYK	0.95, 0.37, 0.00, 0.11
HSL	203°, 91%, 46%
HSV	203°, 95%, 89%
XYZ	23.5385, 24.9081, 75.5186
YIQ	112.4070, -105.0400, -1.6480

# Conversions

## Conversions Part 2

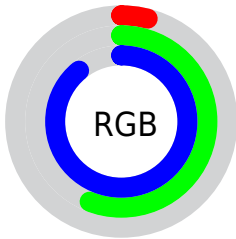
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 92, 226
Decimal	757474
CIE <sub>Lab</sub>	56.99, -0.60, -51.20
CIE <sub>LCh</sub>	57, 51.202, 269.325
Yxy	24.9081, 0.1899, 0.2009
Android (android.graphics.Color)	4278947554 (0xFF0B8EE2)
<b>YUV</b>	112.4070, 56.0013, -88.9339
Hunter-Lab	49.9081, -3.1519, -54.7794

# Details

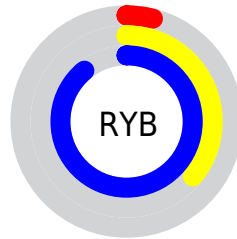
The Hex color **0B8EE2** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E25F0B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6AC3FF**, and **005CAA** is the 20% darker color. If you saturate the color by 10%, you get **008AE2**, and if you desaturate by 10%, it is **2297E2**.

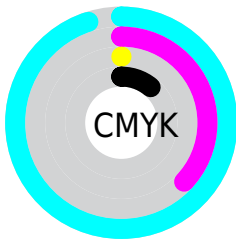
# Distribution



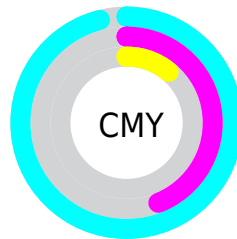
- Red (4%)
- Green (56%)
- Blue (89%)



- Red (4%)
- Yellow (36%)
- Blue (89%)



- Cyan (95%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (44%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8EE2 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 0B8EE2 by changing the saturation by 10% instead.



0B8EE2

0B8EE2

FFFFFF

0075C6

6AC3FF

005CAA

8BDFFF

00458F

ABFCFF

003075

CAFFFF

001C5C

E9FFFF

000744

00032D

000117

000000

■ 0B8EE2

■ 0B8EE2

■ 008AE2

■ 2297E2

■ 38A0E2

■ 4FA8E2

■ 65B1E2

■ 7CBAE2

■ 93C3E2

■ A9CCE2

■ C0D5E2

■ D6DDE2

# Harmonies

## Analogous

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



0099D5



0B8EE2



887DD7

# Triad

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



0B8EE2



D86560



379B59

# Complementary

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



0B8EE2



E25F0B

# 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.



759336



0B8EE2



C4753C

# Square

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



0B8EE2



D8608C



A28629



009E86

# Rectangle

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



0B8EE2



AF71C3



A28629



50994C

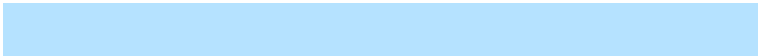


# Sweetspot

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



0B8EE2



B5E2FF



0BE25D



536E80



000000



808080



# Same Dimension

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



0B8EE2



009BFF



0B24E2



656C70



006BB0



001E30



# Inverse Universe

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



E20B8E



FF009B



E2C90B



70656C



B0006B

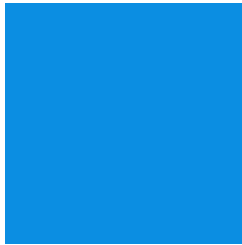


30001E



# Previews

## White Background



This preview shows how the Hex color 0B8EE2 looks on a white background.

## Color Contrast Check

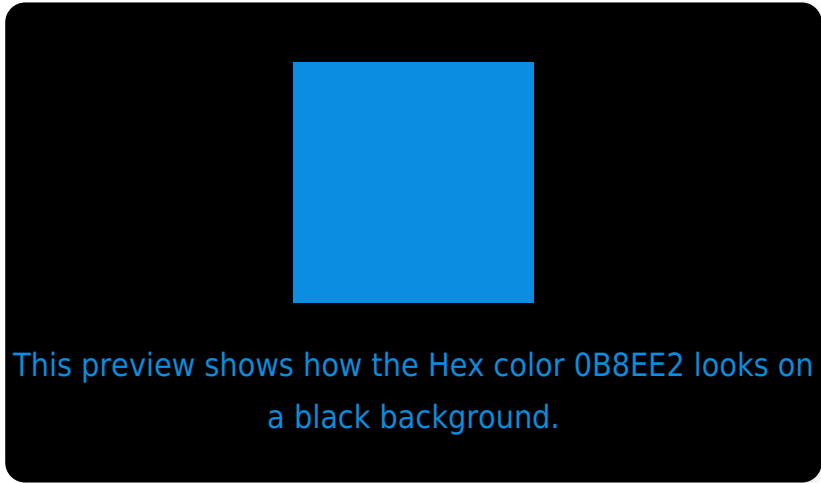
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

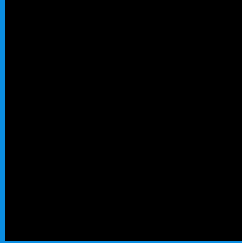
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

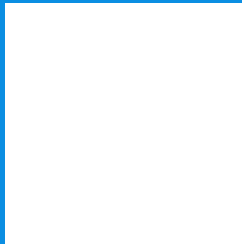
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B8EE2 Background



This preview shows how black text looks on a background with the Hex color 0B8EE2.

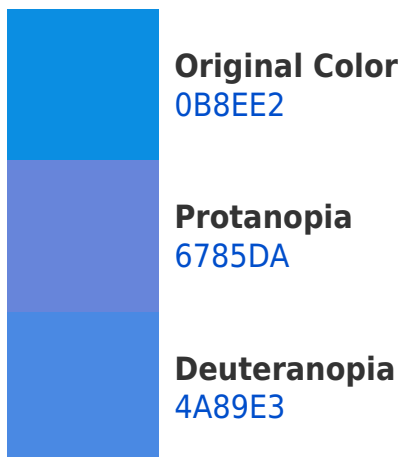


This preview shows how white text looks on a background with the Hex color 0B8EE2.

# 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](#).

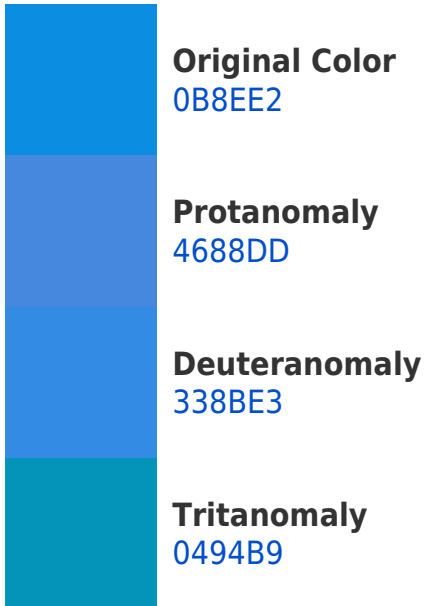
## Dichromacy





**Tritanopia**  
0097A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8EE2 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 #0B8EE2 looks like.

```
.text, #text, p{  
    color:#0B8EE2  
}
```

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 #0B8EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8EE2
}
```

## Border

The CSS property to change the border of an element to Hex 0B8EE2 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
#0B8EE2 }
```

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

```
.border{ border-color:#0B8EE2 }
```

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

Here you see how a box with a 4 pixel #0B8EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8EE2; -webkit-box-shadow:4px 4px  
4px 4px #0B8EE2; box-shadow:4px 4px 4px  
4px #0B8EE2 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8EE2 }
```

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

```
.background{ background-color:#0B8EE2 }
```

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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