

# Converting Colors

Hex(0BAEE6)

Have a look what the booklet for  
Hex(0BAEE6) contains.

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# Color

**Hex(0BAEE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BAEE6
RGB	11, 174, 230
RGB Percent	4%, 68%, 90%
CMY	0.9569, 0.3176, 0.0980
CMYK	0.95, 0.24, 0.00, 0.10
HSL	195°, 91%, 47%
HSV	195°, 95%, 90%
XYZ	29.5570, 36.0564, 80.2647
YIQ	131.6470, -115.1240, -17.1400

# Conversions

## Conversions Part 2

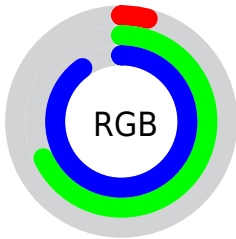
Format	Color
R <sub>YB</sub>	11, 104, 230
Decimal	765670
CIE Lab	66.56, -17.13, -38.32
CIE LCh	67, 41.973, 245.918
Yxy	36.0564, 0.2026, 0.2472
Android (android.graphics.Color)	4278955750 (0xFF0BAEE6)
YUV	131.6470, 48.4880, -105.8074
Hunter-Lab	60.0470, -17.2190, -37.2199

# Details

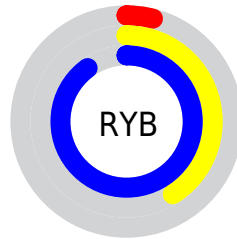
The Hex color **0BAEE6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E6430B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6DE6FF**, and **007AAE** is the 20% darker color. If you saturate the color by 10%, you get **00ABE6**, and if you desaturate by 10%, it is **22B4E6**.

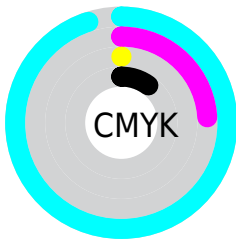
# Distribution



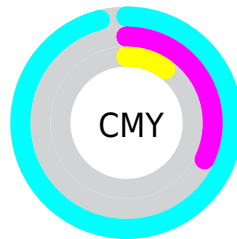
- Red (4%)
- Green (68%)
- Blue (90%)



- Red (4%)
- Yellow (41%)
- Blue (90%)



- Cyan (95%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)



- Cyan (96%)
- Magenta (32%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BAEE6 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 0BAEE6 by changing the saturation by 10% instead.



 0BAEE6

 0BAEE6

FFFFFF

 0093CA

 6DE6FF

 007AAE

 8EFFFF

 006193

 AEFFFF

 004979

 CDFFFF

 003260

 ECFFFF

 001F48

 000431

 00011B

 000000

■ 0BAEE6

■ 0BAEE6

■ 00ABE6

■ 22B4E6

■ 39BAE6

■ 50C0E6

■ 67C6E6

■ 7ECBE6

■ 95D1E6

■ ACD7E6

■ C3DDE6

■ DAE3E6

# Harmonies

## Analogous

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



00B4CD



0BAEE6



74A3ED

# Triad

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



0BAEE6



E9839C



8AAD63

# Complementary

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



0BAEE6



E6430B

# 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.



B2A255



0BAEE6



E68978

# Square

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



0BAEE6



D788C1



D3955D



5AB382

# Rectangle

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



0BAEE6



9E9AE6



D3955D



98AA5C

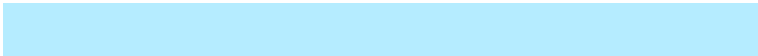


# Sweetspot

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



0BAEE6



B5ECFF



0BE642



537480



000000



808080

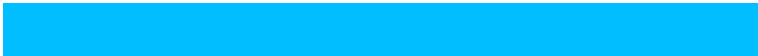


# Same Dimension

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



0BAEE6



00BEFF



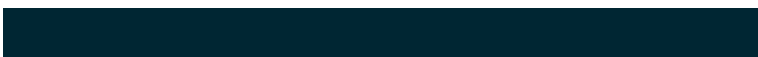
0B42E6



677073



0085B3



002633



# Inverse Universe

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



E60BAE



FF00BE



E6AF0B



736770



B30085

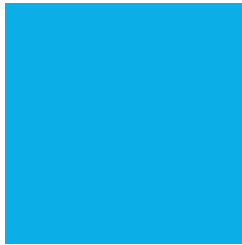


330026



# Previews

## White Background



This preview shows how the Hex color 0BAEE6 looks on a white background.

## Color Contrast Check

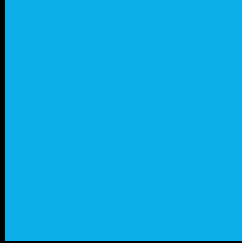
Large Text (above 18pt) WCAG AA × Fail

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 0BAEE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

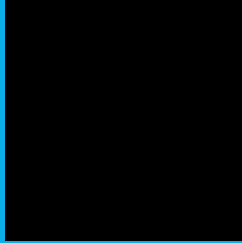
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0BAEE6 Background



This preview shows how black text looks on a background with the Hex color 0BAEE6.

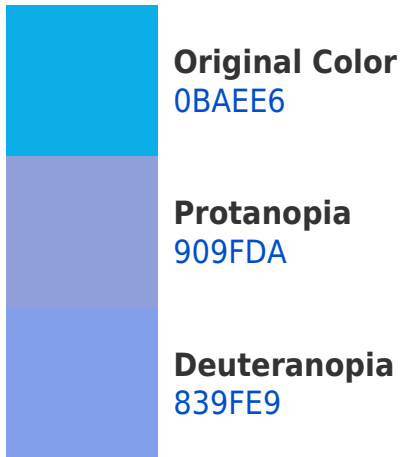


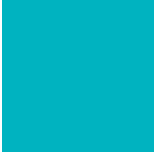
This preview shows how white text looks on a background with the Hex color 0BAEE6.

# 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](#).

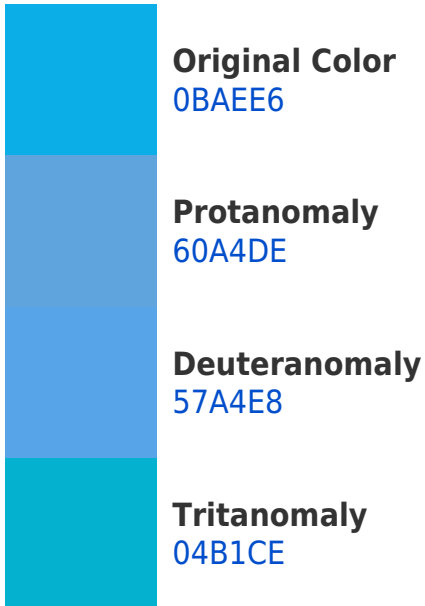
## Dichromacy



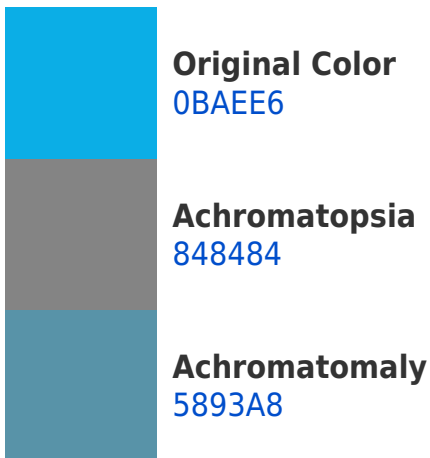


**Tritanopia**  
00B3C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BAEE6 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 #0BAEE6 looks like.

```
.text, #text, p{  
    color:#0BAEE6  
}
```

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 #0BAEE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BAEE6
}
```

## Border

The CSS property to change the border of an element to Hex 0BAEE6 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
#0BAEE6 }
```

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

```
.border{ border-color:#0BAEE6 }
```

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

Here you see how a box with a 4 pixel #0BAEE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BAEE6; -webkit-box-shadow:4px 4px  
4px 4px #0BAEE6; box-shadow:4px 4px 4px  
4px #0BAEE6 }
```

# Background

The CSS property to change the background color of an element to Hex 0BAEE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BAEE6 }
```

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

```
.background{ background-color:#0BAEE6 }
```

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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