

Converting Colors

Hex(0BA8E3)

Have a look what the booklet for
Hex(0BA8E3) contains.

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Color

Hex(0BA8E3)

Conversions

Conversions Part 1

Format	Color
Hex	0BA8E3
RGB	11, 168, 227
RGB Percent	4%, 66%, 89%
CMY	0.9569, 0.3412, 0.1098
CMYK	0.95, 0.26, 0.00, 0.11
HSL	196°, 91%, 47%
HSV	196°, 95%, 89%
XYZ	28.0058, 33.6225, 77.6868
YIQ	127.7830, -112.5110, -14.9350

Conversions

Conversions Part 2

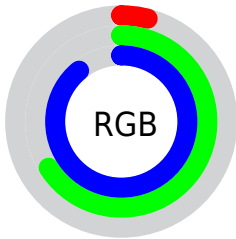
Format	Color
RYB	11, 102, 227
Decimal	764131
CIELab	64.66, -14.96, -39.64
CIElCh	65, 42.373, 249.319
Yxy	33.6225, 0.2010, 0.2413
Android (android.graphics.Color)	4278954211 (0xFF0BA8E3)
YUV	127.7830, 48.9140, -102.4187
Hunter-Lab	57.9849, -15.2609, -38.8459

Details

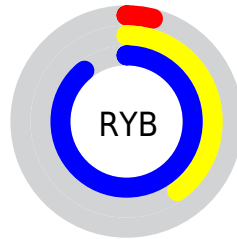
The Hex color **0BA8E3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E3460B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6CDFFF**, and **0074AB** is the 20% darker color. If you saturate the color by 10%, you get **00A5E3**, and if you desaturate by 10%, it is **22AEE3**.

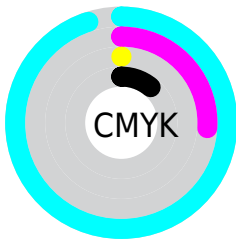
Distribution



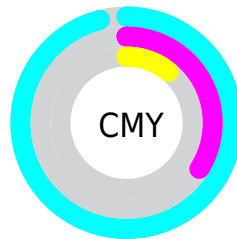
- Red (4%)
- Green (66%)
- Blue (89%)



- Red (4%)
- Yellow (40%)
- Blue (89%)



- Cyan (95%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (96%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BA8E3 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 0BA8E3 by changing the saturation by 10% instead.

 0BA8E3

 0BA8E3

FFFFFF

 008EC7

 6CDFFF

 0074AB

 8DFCFF

 005C91

 ACFFFF

 004477

 CCFFFF

 002E5E

 EBFFFF

 001B45

 00042F

 000119

 000000

■ 0BA8E3

■ 0BA8E3

■ 00A5E3

■ 22AEE3

■ 38B4E3

■ 4FBBE3

■ 66C1E3

■ 7CC7E3

■ 93CDE3

■ AAD3E3

■ C1DAE3

■ D7E0E3

Harmonies

Analogous

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



00AFCC



0BA8E3



769DE7

Triad

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



0BA8E3



E57E92



80A960

Complementary

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



0BA8E3



E3460B

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.



A99E50



0BA8E3



E0856F

Square

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



0BA8E3



D582B8



CA9156



4DAF81

Rectangle

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



0BA8E3



9F93DF



CA9156



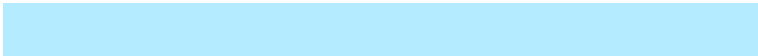
8EA659

Sweetspot

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



0BA8E3



B5EBFF



0BE345



537380



000000



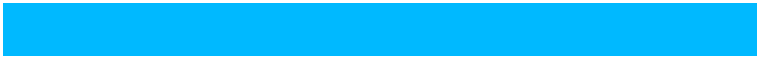
808080

Same Dimension

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



0BA8E3



00B9FF



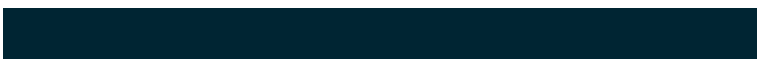
0B3DE3



677073



0082B3



002533

Inverse Universe

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



E30BA8



FF00B9



E3B10B



736770



B30082



330025

Previews

White Background



This preview shows how the Hex color 0BA8E3 looks on a white background.

Color Contrast Check

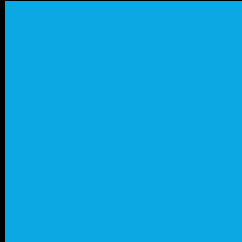
Large Text (above 18pt) WCAG AA × Fail

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 0BA8E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

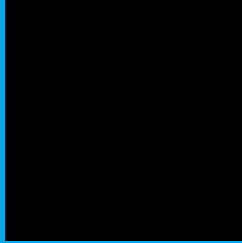
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

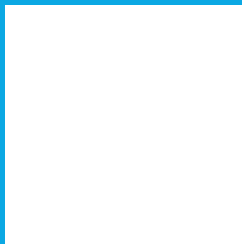
Any Text WCAG AAA ✓ Pass

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

Hex 0BA8E3 Background



This preview shows how black text looks on a background with the Hex color 0BA8E3.

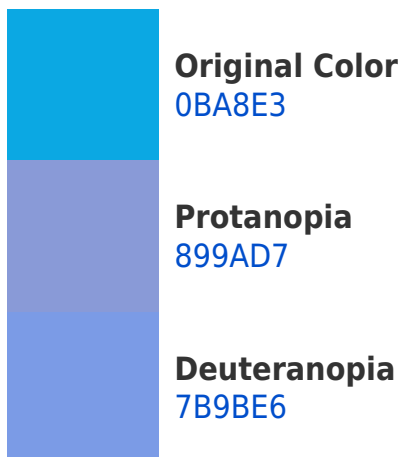


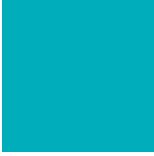
This preview shows how white text looks on a background with the Hex color 0BA8E3.

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





Trichromacy



Original Color
0BA8E3



Protanomaly
5B9FDB



Deuteranomaly
52A0E5



Tritanomaly
04ABC9

Monochromacy



Original Color
0BA8E3



Achromatopsia
808080



Achromatomaly
558FA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BA8E3 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 #0BA8E3 looks like.

```
.text, #text, p{  
    color:#0BA8E3  
}
```

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 #0BA8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA8E3
}
```

Border

The CSS property to change the border of an element to Hex 0BA8E3 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
#0BA8E3 }
```

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

```
.border{ border-color:#0BA8E3 }
```

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

Here you see how a box with a 4 pixel #0BA8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA8E3; -webkit-box-shadow:4px 4px  
4px 4px #0BA8E3; box-shadow:4px 4px 4px  
4px #0BA8E3 }
```

Background

The CSS property to change the background color of an element to Hex 0BA8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA8E3 }
```

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

```
.background{ background-color:#0BA8E3 }
```

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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