

# Converting Colors

Hex(0BA6E2)

Have a look what the booklet for  
Hex(0BA6E2) contains.

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# Color

**Hex(0BA6E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BA6E2
RGB	11, 166, 226
RGB Percent	4%, 65%, 89%
CMY	0.9569, 0.3490, 0.1137
CMYK	0.95, 0.27, 0.00, 0.11
HSL	197°, 91%, 46%
HSV	197°, 95%, 89%
XYZ	27.5017, 32.8346, 76.8397
YIQ	126.4950, -111.6400, -14.2000

# Conversions

## Conversions Part 2

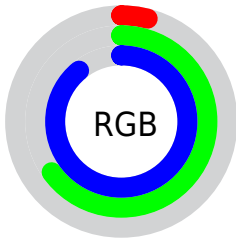
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 101, 226
Decimal	763618
CIE <sub>Lab</sub>	64.03, -14.24, -40.09
CIE <sub>LCh</sub>	64, 42.538, 250.448
Yxy	32.8346, 0.2005, 0.2394
Android (android.graphics.Color)	4278953698 (0xFF0BA6E2)
YUV	126.4950, 49.0560, -101.2891
Hunter-Lab	57.3015, -14.6069, -39.3953

# Details

The Hex color **0BA6E2** 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 **E2470B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6BDDFF**, and **0072AA** is the 20% darker color. If you saturate the color by 10%, you get **00A3E2**, and if you desaturate by 10%, it is **22ACE2**.

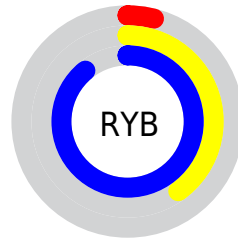
# Distribution



Red (4%)

Green (65%)

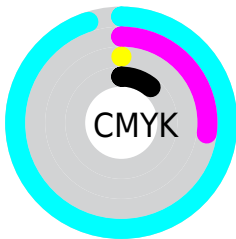
Blue (89%)



Red (4%)

Yellow (40%)

Blue (89%)

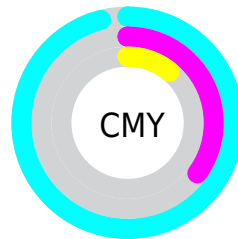


Cyan (95%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (96%)

Magenta (35%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BA6E2 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 0BA6E2 by changing the saturation by 10% instead.



 0BA6E2

 0BA6E2

FFFFFF

 008CC6

 6BDDFF

 0072AA

 8CFAFF

 005A90

 ACFFFF

 004276

 CBFFFF

 002C5D

 EAFFFF

 001945

 00042E

 000118

 000000

■ 0BA6E2

■ 0BA6E2

■ 00A3E2

■ 22ACE2

■ 38B3E2

■ 4FB9E2

■ 65BFE2

■ 7CC6E2

■ 93CCE2

■ A9D2E2

■ C0D8E2

■ D6DFE2

# Harmonies

## Analogous

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



00ADCB



0BA6E2



769BE6

# Triad

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



0BA6E2



E37C8F



7CA760

# Complementary

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



0BA6E2



E2470B

# 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.



A69D4E



0BA6E2



DE836C

# Square

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



0BA6E2



D580B5



C79054



48AD80

# Rectangle

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



0BA6E2



9F91DD



C79054



8BA458

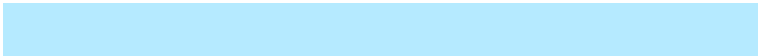


# Sweetspot

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



0BA6E2



B5EAFF



0BE244



537380



000000



808080

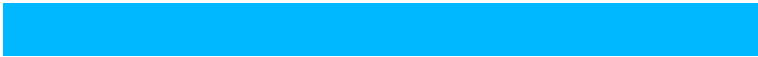


# Same Dimension

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



0BA6E2



00B8FF



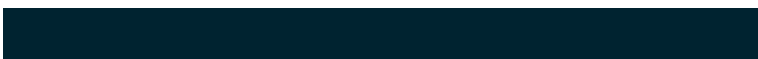
0B3DE2



656D70



007FB0



002330



# Inverse Universe

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



E20BA6



FF00B8



E2B00B



70656D



B0007F



300023



# Previews

## White Background



This preview shows how the Hex color 0BA6E2 looks on a white background.

## Color Contrast Check

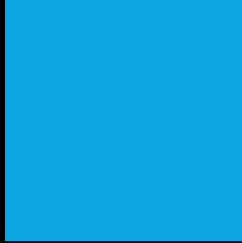
Large Text (above 18pt) WCAG AA × Fail

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 0BA6E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

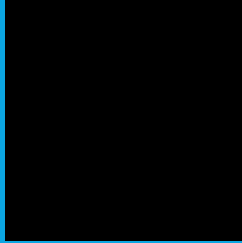
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

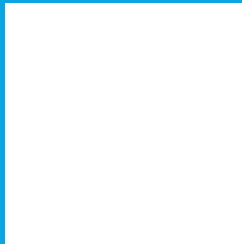
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0BA6E2 Background



This preview shows how black text looks on a background with the Hex color 0BA6E2.

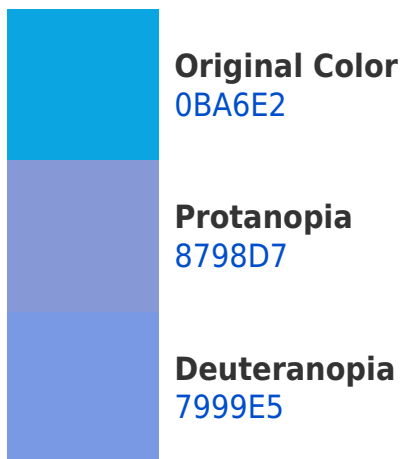


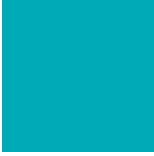
This preview shows how white text looks on a background with the Hex color 0BA6E2.

# 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](#).

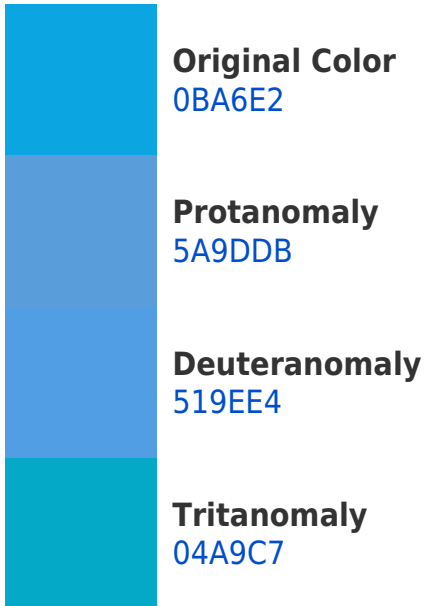
## Dichromacy



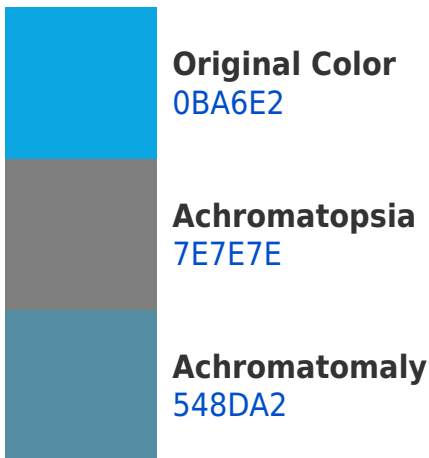


**Tritanopia**  
00ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BA6E2 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 #0BA6E2 looks like.

```
.text, #text, p{  
    color:#0BA6E2  
}
```

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 #0BA6E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA6E2
}
```

## Border

The CSS property to change the border of an element to Hex 0BA6E2 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
#0BA6E2 }
```

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

```
.border{ border-color:#0BA6E2 }
```

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

Here you see how a box with a 4 pixel #0BA6E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA6E2; -webkit-box-shadow:4px 4px  
4px 4px #0BA6E2; box-shadow:4px 4px 4px  
4px #0BA6E2 }
```

# Background

The CSS property to change the background color of an element to Hex 0BA6E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA6E2 }
```

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

```
.background{ background-color:#0BA6E2 }
```

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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