

# Converting Colors

Hex(0BA1BA)

Have a look what the booklet for  
Hex(0BA1BA) contains.

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# Color

**Hex(0BA1BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0BA1BA
RGB	11, 161, 186
RGB Percent	4%, 63%, 73%
CMY	0.9569, 0.3686, 0.2706
CMYK	0.94, 0.13, 0.00, 0.27
HSL	189°, 89%, 39%
HSV	189°, 94%, 73%
XYZ	21.7458, 29.1061, 50.9263
YIQ	119.0000, -97.4250, -24.0250

# Conversions

## Conversions Part 2

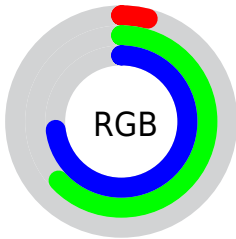
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 92, 186
Decimal	762298
CIELab	60.88, -25.55, -22.70
CIELCh	61, 34.180, 221.624
Yxy	29.1061, 0.2137, 0.2860
Android (android.graphics.Color)	4278952378 (0xFF0BA1BA)
YUV	119.0000, 33.0310, -94.7160
Hunter-Lab	53.9500, -22.4640, -18.2019

# Details

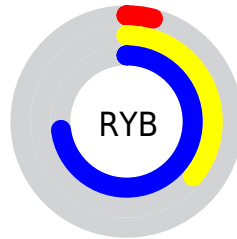
The Hex color **0BA1BA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BA240B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **63D8F2**, and **006D85** is the 20% darker color. If you saturate the color by 10%, you get **009FBA**, and if you desaturate by 10%, it is **1EA4BA**.

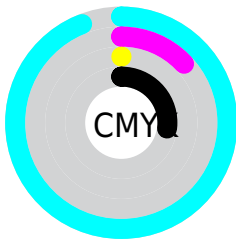
# Distribution



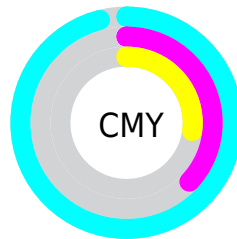
- Red (4%)
- Green (63%)
- Blue (73%)



- Red (4%)
- Yellow (36%)
- Blue (73%)



- Cyan (94%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (96%)
- Magenta (37%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BA1BA 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 0BA1BA by changing the saturation by 10% instead.



 0BA1BA

 0BA1BA

FFFFFF

 00879F

 63D8F2

 006D85

 83F5FF

 00546B

 A1FFFF

 003D53

 C0FFFF

 00273C

 DEFFFF

 000926

FDFFFF

 000110

 000000

 0BA1BA

 0BA1BA

■ 009FBA

■ 1EA4BA

■ 30A6BA

■ 43A9BA

■ 55ACBA

■ 68AEBA

■ 7BB1BA

■ 8DB4BA

■ A0B6BA

■ B2B9BA

# Harmonies

## Analogous

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



27A39E



0BA1BA



459BCC

# Triad

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



0BA1BA



C27EA7



9B9557

# Complementary

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



0BA1BA



BA240B

# 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.



B78B5A



0BA1BA



CE7B88

# Square

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



0BA1BA



A587C0



C9816C



7A9D65

# Rectangle

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



0BA1BA



6995CF



C9816C



A59256



# Sweetspot

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



0BA1BA



AEE9F2



0BBA22



51747A



FAFAFA



7A7A7A



# Same Dimension

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



0BA1BA



00D0F2



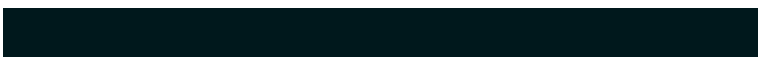
0B4BBA



535A5C



00859C



00181C



# Inverse Universe

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



BA0BA1



F200D0



BA7A0B



5C535A



9C0085



1C0018



# Previews

## White Background



This preview shows how the Hex color 0BA1BA 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



This preview shows how the Hex color 0BA1BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

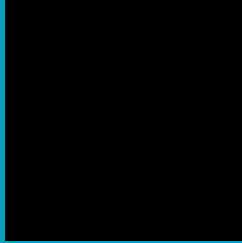
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0BA1BA Background



This preview shows how black text looks on a background with the Hex color 0BA1BA.

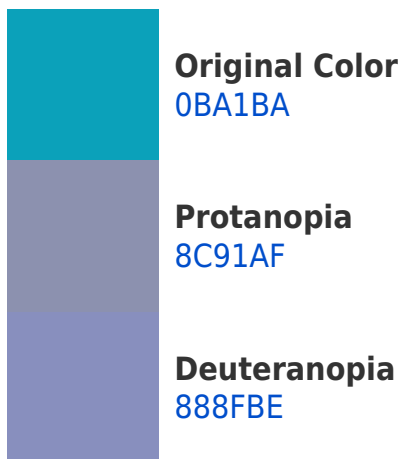


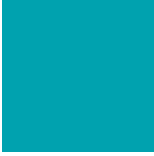
This preview shows how white text looks on a background with the Hex color 0BA1BA.

# 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**  
00A2AF

# Trichromacy



**Original Color**  
0BA1BA



**Protanomaly**  
5D97B3



**Deuteranomaly**  
5B96BD



**Tritanomaly**  
04A2B3

# Monochromacy



**Original Color**  
0BA1BA



**Achromatopsia**  
777777



**Achromatomaly**  
50868F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BA1BA 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 #0BA1BA looks like.

```
.text, #text, p{  
    color:#0BA1BA  
}
```

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 #0BA1BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA1BA
}
```

## Border

The CSS property to change the border of an element to Hex 0BA1BA 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
#0BA1BA }
```

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

```
.border{ border-color:#0BA1BA }
```

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

Here you see how a box with a 4 pixel #0BA1BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA1BA; -webkit-box-shadow:4px 4px  
4px 4px #0BA1BA; box-shadow:4px 4px 4px  
4px #0BA1BA }
```

# Background

The CSS property to change the background color of an element to Hex 0BA1BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA1BA }
```

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

```
.background{ background-color:#0BA1BA }
```

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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