

Converting Colors

Hex(0CB0BA)

Have a look what the booklet for
Hex(0CB0BA) contains.

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Color

Hex(0CB0BA)

Conversions

Conversions Part 1

Format	Color
Hex	0CB0BA
RGB	12, 176, 186
RGB Percent	5%, 69%, 73%
CMY	0.9529, 0.3098, 0.2706
CMYK	0.94, 0.05, 0.00, 0.27
HSL	183°, 88%, 39%
HSV	183°, 94%, 73%
XYZ	24.5399, 34.6740, 51.8537
YIQ	128.1040, -100.9540, -31.6580

Conversions

Conversions Part 2

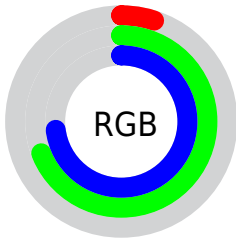
Format	Color
RYB	12, 96, 186
Decimal	831674
CIELab	65.49, -32.89, -15.68
CIELCh	65, 36.431, 205.488
Yxy	34.6740, 0.2209, 0.3122
Android (android.graphics.Color)	4279021754 (0xFF0CB0BA)
YUV	128.1040, 28.5427, -101.8232
Hunter-Lab	58.8846, -28.6591, -10.9915

Details

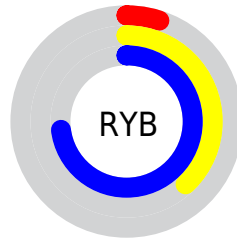
The Hex color **0CB0BA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BA160C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **66E8F2**, and **007B85** is the 20% darker color. If you saturate the color by 10%, you get **00AFBA**, and if you desaturate by 10%, it is **1FB1BA**.

Distribution



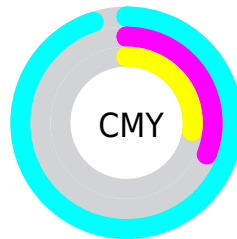
- Red (5%)
- Green (69%)
- Blue (73%)



- Red (5%)
- Yellow (38%)
- Blue (73%)



- Cyan (94%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (95%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CB0BA 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 0CB0BA by changing the saturation by 10% instead.

 0CB0BA

 0CB0BA

FFFFFF

 00959F

 66E8F2

 007B85

 85FFFF

 00616C

 A4FFFF

 004953

 C3FFFF

 00323C

 E1FFFF

 001D27

 000112

 000000

 0CB0BA

 0CB0BA

00AFBA

1FB1BA

31B2BA

44B3BA

56B4BA

69B5BA

7CB6BA

8EB7BA

A1B9BA

B3BABA

Harmonies

Analogous

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



45B099



0CB0BA



28ACD4

Triad

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



0CB0BA



C48DC4



B99B5E

Complementary

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



OCB0BA



BA160C

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.



D2906A



0CB0BA



DA86A5

Square

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



0CB0BA



9C98DA



DE8785



98A663

Rectangle

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



0CB0BA



52A7DE



DE8785



C29860

Sweetspot

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



0CB0BA



AEEEF2



0CBA15



51787A



FAFAFA



7A7A7A

Same Dimension

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



0CB0BA



00E4F2



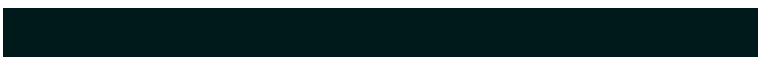
0C5ABA



535B5C



00939C



001A1C

Inverse Universe

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



BA0CB0



F200E4



BA6C0C



5C535B



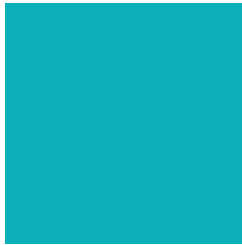
9C0093



1C001A

Previews

White Background



This preview shows how the Hex color 0CB0BA 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 0CB0BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

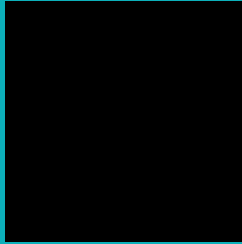
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

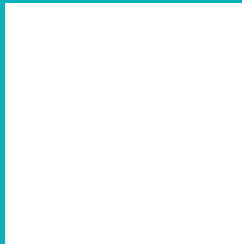
Any Text WCAG AAA ✓ Pass

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

Hex 0CB0BA Background



This preview shows how black text looks on a background with the Hex color 0CB0BA.

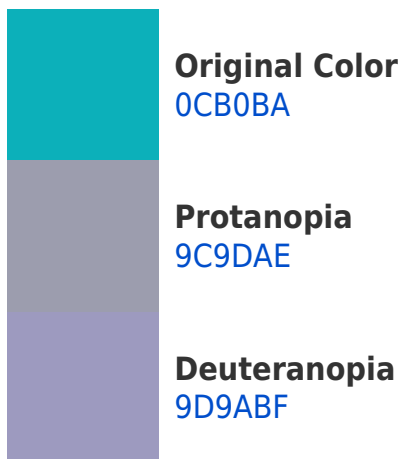


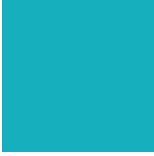
This preview shows how white text looks on a background with the Hex color 0CB0BA.

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
16AFBE

Trichromacy



Original Color
0CB0BA



Protanomaly
68A4B2



Deuteranomaly
68A2BD



Tritanomaly
12AFBD

Monochromacy



Original Color
0CB0BA



Achromatopsia
808080



Achromatomaly
569195

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CB0BA 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 #0CB0BA looks like.

```
.text, #text, p{  
    color:#0CB0BA  
}
```

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 #0CB0BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CB0BA
}
```

Border

The CSS property to change the border of an element to Hex 0CB0BA 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
#0CB0BA }
```

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

```
.border{ border-color:#0CB0BA }
```

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

Here you see how a box with a 4 pixel #0CB0BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CB0BA; -webkit-box-shadow:4px 4px  
4px 4px #0CB0BA; box-shadow:4px 4px 4px  
4px #0CB0BA }
```

Background

The CSS property to change the background color of an element to Hex 0CB0BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CB0BA }
```

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

```
.background{ background-color:#0CB0BA }
```

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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