

Converting Colors

Hex(0CA7BF)

Have a look what the booklet for
Hex(0CA7BF) contains.

Hex(0CA7BF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0CA7BF)

Conversions

Conversions Part 1

Format	Color
Hex	0CA7BF
RGB	12, 167, 191
RGB Percent	5%, 65%, 75%
CMY	0.9529, 0.3451, 0.2510
CMYK	0.94, 0.13, 0.00, 0.25
HSL	188°, 88%, 40%
HSV	188°, 94%, 75%
XYZ	23.3743, 31.4772, 54.1340
YIQ	123.3910, -100.0840, -25.3960

Conversions

Conversions Part 2

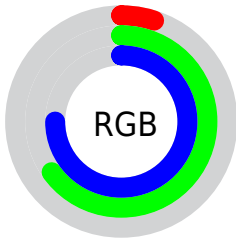
Format	Color
RYB	12, 95, 191
Decimal	829375
CIELab	62.91, -26.86, -22.39
CIELCh	63, 34.972, 219.812
Yxy	31.4772, 0.2145, 0.2888
Android (android.graphics.Color)	4279019455 (0xFF0CA7BF)
YUV	123.3910, 33.3312, -97.6899
Hunter-Lab	56.1045, -23.8161, -17.9344

Details

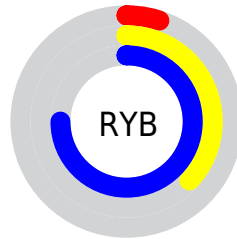
The Hex color **0CA7BF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BF240C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **65DEF7**, and **00738A** is the 20% darker color. If you saturate the color by 10%, you get **00A5BF**, and if you desaturate by 10%, it is **1FAABF**.

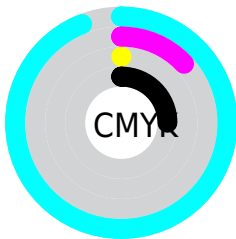
Distribution



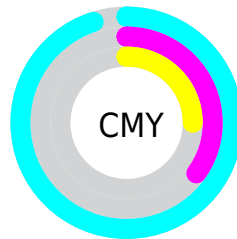
- Red (5%)
- Green (65%)
- Blue (75%)



- Red (5%)
- Yellow (37%)
- Blue (75%)



- Cyan (94%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CA7BF 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 0CA7BF by changing the saturation by 10% instead.

 0CA7BF

 0CA7BF

FFFFFF

 008CA4

 65DEF7

 00738A

 85FBFF

 005A70

 A4FFFF

 004258

 C2FFFF

 002B40

 E1FFFF

 00142A

 000115

 000000

 0CA7BF

 0CA7BF

00A5BF

1FAABF

32ACBF

45AFBF

58B1BF

6CB4BF

7FB6BF

92B9BF

A5BBBF

B8BEBF

Harmonies

Analogous

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



2CA9A2



0CA7BF



45A1D2

Triad

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



0CA7BF



C783AE



A39A5A

Complementary

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



0CA7BF



BF240C

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.



BE8F5E



0CA7BF



D4808F

Square

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



0CA7BF



A98CC8



D18572



81A267

Rectangle

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



0CA7BF



6A9BD6



D18572



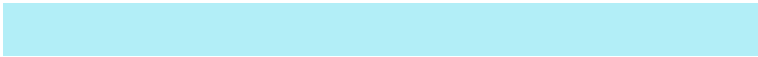
AD9659

Sweetspot

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



0CA7BF



B2EEF7



0CBF24



52777D



FCFCFC



7D7D7D

Same Dimension

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



0CA7BF



00D6F7



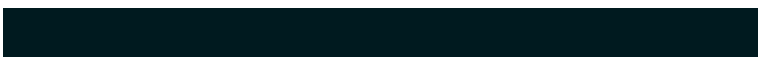
0C4EBF



555D5E



00899E



001A1F

Inverse Universe

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



BF0CA7



F700D6



BF7D0C



5E555D



9E0089



1F001A

Previews

White Background



This preview shows how the Hex color 0CA7BF 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 0CA7BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

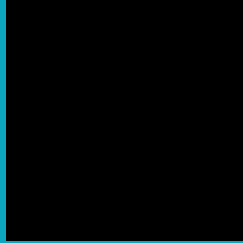
Any Text WCAG AA ✓ Pass

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 0CA7BF Background



This preview shows how black text looks on a background with the Hex color 0CA7BF.



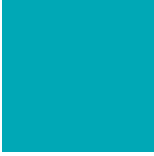
This preview shows how white text looks on a background with the Hex color 0CA7BF.

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
00A8B6

Trichromacy



Original Color
0CA7BF



Protanomaly
619CB7



Deuteranomaly
5F9CC2



Tritanomaly
04A8B9

Monochromacy



Original Color
0CA7BF



Achromatopsia
7B7B7B



Achromatomaly
538B94

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CA7BF 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 #0CA7BF looks like.

```
.text, #text, p{  
  color:#0CA7BF  
}
```

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 #0CA7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CA7BF
}
```

Border

The CSS property to change the border of an element to Hex 0CA7BF 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
#0CA7BF }
```

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

```
.border{ border-color:#0CA7BF }
```

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

Here you see how a box with a 4 pixel #0CA7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CA7BF; -webkit-box-shadow:4px 4px  
4px 4px #0CA7BF; box-shadow:4px 4px 4px  
4px #0CA7BF }
```

Background

The CSS property to change the background color of an element to Hex 0CA7BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CA7BF }
```

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

```
.background{ background-color:#0CA7BF }
```

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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