

Converting Colors

Hex(0099BC)

Have a look what the booklet for
Hex(0099BC) contains.

Hex(0099BC)	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(0099BC)

Conversions

Conversions Part 1

Format	Color
Hex	0099BC
RGB	0, 153, 188
RGB Percent	0%, 60%, 74%
CMY	1.0000, 0.4000, 0.2627
CMYK	1.00, 0.19, 0.00, 0.26
HSL	191°, 100%, 37%
HSV	191°, 100%, 74%
XYZ	20.4683, 26.4133, 51.5964
YIQ	111.2430, -102.4230, -21.5510

Conversions

Conversions Part 2

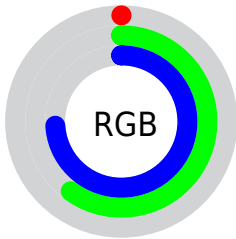
Format	Color
RYB	0, 84, 188
Decimal	39356
CIELab	58.43, -21.11, -27.60
CIELCh	58, 34.749, 232.593
Yxy	26.4133, 0.2078, 0.2682
Android (android.graphics.Color)	4278229436 (0xFF0099BC)
YUV	111.2430, 37.8412, -97.5601
Hunter-Lab	51.3939, -18.8492, -23.5480

Details

The Hex color **0099BC** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BC2300**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61D0F4**, and **006687** is the 20% darker color. If you saturate the color by 10%, you get **0099BC**, and if you desaturate by 10%, it is **139DBC**.

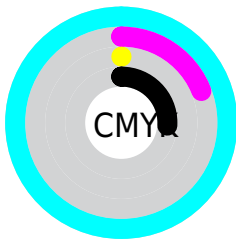
Distribution



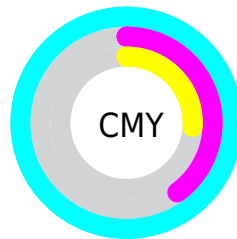
- Red (0%)
- Green (60%)
- Blue (74%)



- Red (0%)
- Yellow (33%)
- Blue (74%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0099BC 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 0099BC by changing the saturation by 10% instead.


 0099BC

 0099BC

FFFFFF

 007FA1

 61D0F4

 006687

 80ECFF

 004E6D


 9FFFFFF

 003755


 BDBFFF

 00223D

 DBFFFF

 000328

 FAFFFF

 000111

 000000

 0099BC

 139DBC

 26A0BC

 38A4BC

 4BA7BC

 5EABBC

 71AEBC

 84B2BC

 96B5BC

 A9B9BC

Harmonies

Analogous

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



009CA3



0099BC



5092C8

Triad

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



0099BC



C27595



899253

Complementary

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



0099BC



BC2300

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.



A78850



0099BC



C77677

Square

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



0099BC



AB7CB2



BD7D5D



659966

Rectangle

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



0099BC



758BC8



BD7D5D



948F50

Sweetspot

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



0099BC



ABE7F5



00BC22



4E727A



FAFAFA



7A7A7A

Same Dimension

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



0099BC



00C7F5



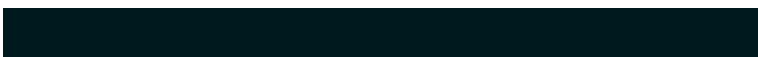
003CBC



555D5E



00819E



00191F

Inverse Universe

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



BC0099



F500C7



BC8000



5E555D



9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 0099BC looks on a white background.

Color Contrast Check

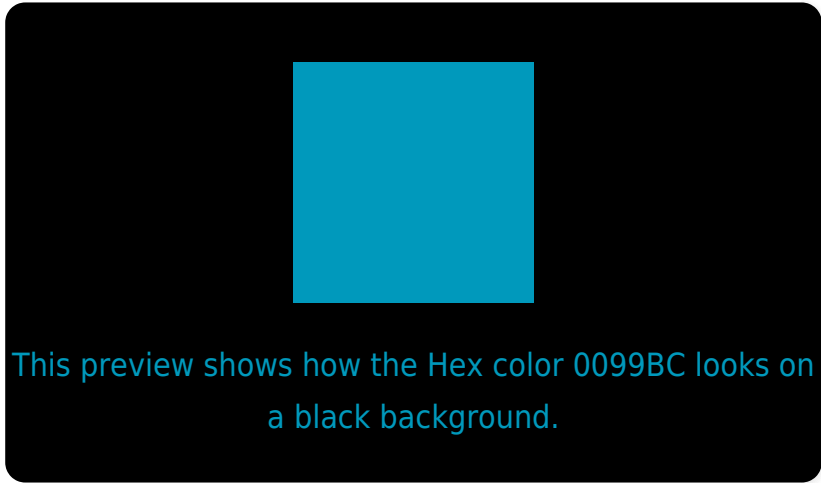
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

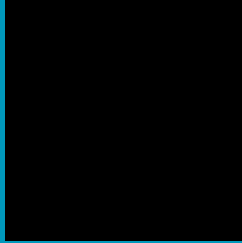
Any Text WCAG AA ✓ Pass

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 0099BC Background



This preview shows how black text looks on a background with the Hex color 0099BC.

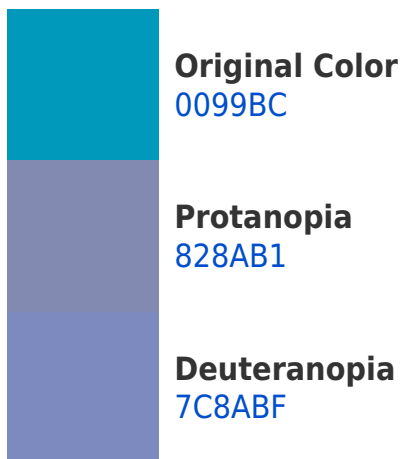


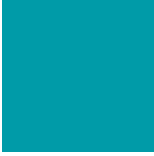
This preview shows how white text looks on a background with the Hex color 0099BC.

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](#).

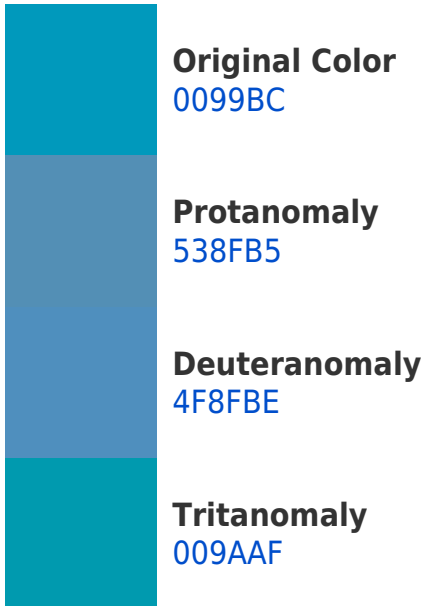
Dichromacy



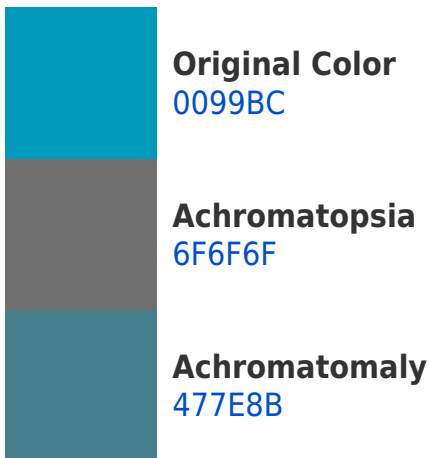


Tritanopia
009BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0099BC 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 #0099BC looks like.

```
.text, #text, p{  
    color:#0099BC  
}
```

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 #0099BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099BC
}
```

Border

The CSS property to change the border of an element to Hex 0099BC 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
#0099BC }
```

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

```
.border{ border-color:#0099BC }
```

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

Here you see how a box with a 4 pixel #0099BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099BC; -webkit-box-shadow:4px 4px  
4px 4px #0099BC; box-shadow:4px 4px 4px  
4px #0099BC }
```

Background

The CSS property to change the background color of an element to Hex 0099BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099BC }
```

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

```
.background{ background-color:#0099BC }
```

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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