

Converting Colors

Hex(0099BD)

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

Hex(0099BD)	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(0099BD)

Conversions

Conversions Part 1

Format	Color
Hex	0099BD
RGB	0, 153, 189
RGB Percent	0%, 60%, 74%
CMY	1.0000, 0.4000, 0.2588
CMYK	1.00, 0.19, 0.00, 0.26
HSL	191°, 100%, 37%
HSV	191°, 100%, 74%
XYZ	20.5765, 26.4566, 52.1662
YIQ	111.3570, -102.7440, -21.2400

Conversions

Conversions Part 2

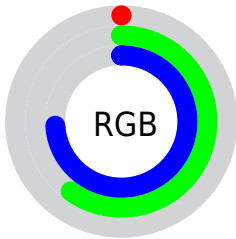
Format	Color
RYB	0, 85, 189
Decimal	39357
CIELab	58.47, -20.76, -28.10
CIELCh	58, 34.938, 233.552
Yxy	26.4566, 0.2074, 0.2667
Android (android.graphics.Color)	4278229437 (0xFF0099BD)
YUV	111.3570, 38.2780, -97.6601
Hunter-Lab	51.4360, -18.6055, -24.1266

Details

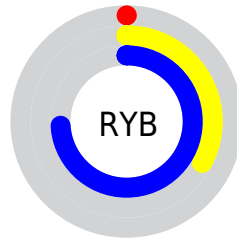
The Hex color **0099BD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BD2400**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **61CFF5**, and **006688** is the 20% darker color. If you saturate the color by 10%, you get **0099BD**, and if you desaturate by 10%, it is **139DBD**.

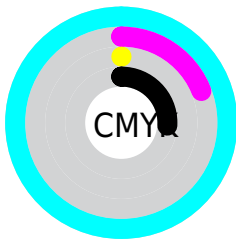
Distribution



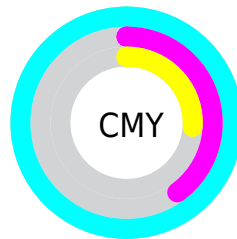
- Red (0%)
- Green (60%)
- Blue (74%)



- 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 0099BD 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 0099BD by changing the saturation by 10% instead.

 0099BD

 0099BD

FFFFFF

 007FA2

 61CFF5

 006688

 80ECFF

 004E6E

 9FFFFFFF

 003756

 BDFFFF

 00223E

 DCFFFF

 000328

 FAFFFF

 000112

 000000

 0099BD

 139DBD

 26A0BD

 39A4BD

 4CA7BD

 5FABBD

 71AFBD

 84B2BD

 97B6BD

 AAB9BD

Harmonies

Analogous

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



009DA4



0099BD



5292C9

Triad

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



0099BD



C37595



889253

Complementary

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



0099BD



BD2400

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.



A6894F



0099BD



C87676

Square

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



0099BD



AD7CB1



BD7E5C



649967

Rectangle

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



0099BD



768BC8



BD7E5C



938F50

Sweetspot

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



0099BD



ABE7F5



00BD23



4E727A



FAFAFA



7A7A7A

Same Dimension

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



0099BD



00C6F5



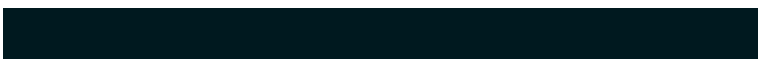
003CBD



555D5E



00809E



00191F

Inverse Universe

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



BD0099



F500C6



BD8100



5E555D



9E0080



1F0019

Previews

White Background



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

Color Contrast Check

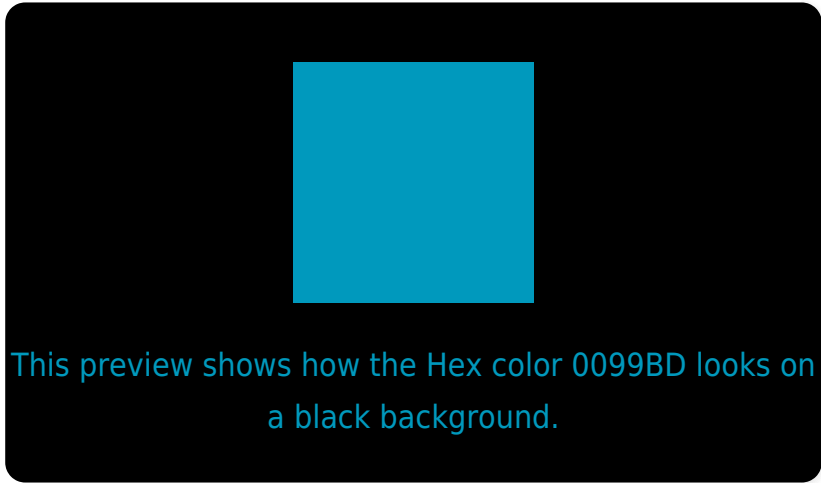
Large Text (above 18pt) WCAG AA ✓ Pass

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

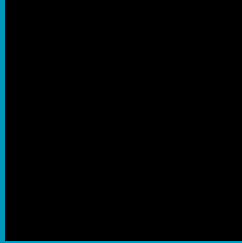
Any Text WCAG AA ✓ Pass

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 0099BD Background



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

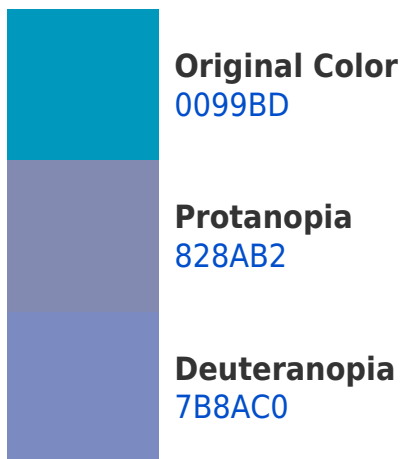


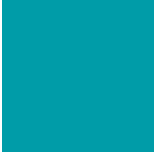
This preview shows how white text looks on a background with the Hex color 0099BD.

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](#).

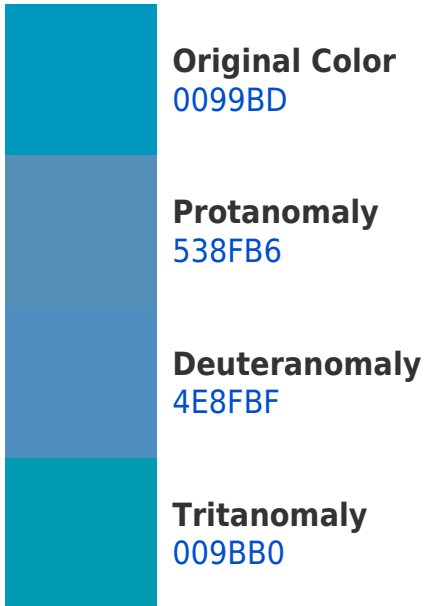
Dichromacy



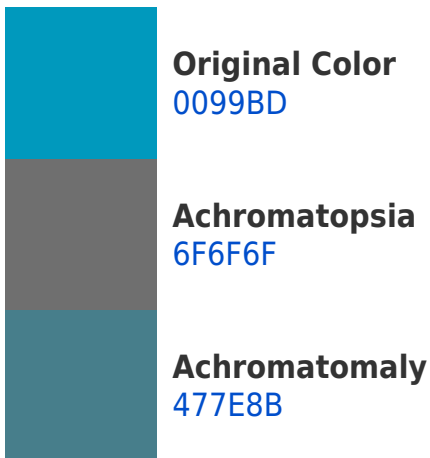


Tritanopia
009CA8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0099BD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor