

Converting Colors

Hex(0099B8)

Have a look what the booklet for
Hex(0099B8) contains.

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Color

Hex(0099B8)

Conversions

Conversions Part 1

Format	Color
Hex	0099B8
RGB	0, 153, 184
RGB Percent	0%, 60%, 72%
CMY	1.0000, 0.4000, 0.2784
CMYK	1.00, 0.17, 0.00, 0.28
HSL	190°, 100%, 36%
HSV	190°, 100%, 72%
XYZ	20.0430, 26.2432, 49.3565
YIQ	110.7870, -101.1390, -22.7950

Conversions

Conversions Part 2

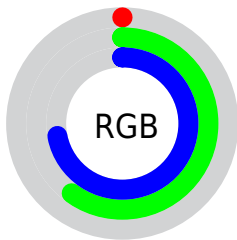
Format	Color
RYB	0, 84, 184
Decimal	39352
CIELab	58.27, -22.51, -25.59
CIELCh	58, 34.080, 228.664
Yxy	26.2432, 0.2096, 0.2744
Android (android.graphics.Color)	4278229432 (0xFF0099B8)
YUV	110.7870, 36.0940, -97.1602
Hunter-Lab	51.2281, -19.8111, -21.2642

Details

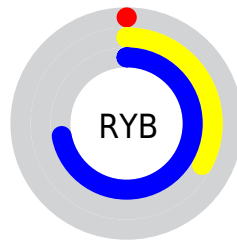
The Hex color **0099B8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B81F00**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **60D0F0**, and **006683** is the 20% darker color. If you saturate the color by 10%, you get **0099B8**, and if you desaturate by 10%, it is **129CB8**.

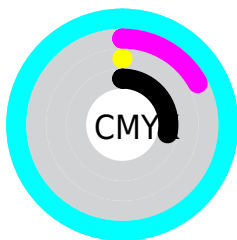
Distribution



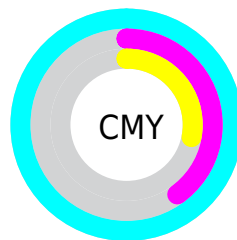
- Red (0%)
- Green (60%)
- Blue (72%)



- Red (0%)
- Yellow (33%)
- Blue (72%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)




- Cyan (100%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0099B8 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 0099B8 by changing the saturation by 10% instead.


 0099B8

 0099B8

FFFFFF

 007F9D

 60D0F0

 006683

 7FECFF

 004D6A

 9EFFFF

 003651

 BCFFFF

 00223A

 DAFFFF

 000225

 F9FFFF

 00010D

 000000

 0099B8

 129CB8


 259FB8

 37A2B8

 4AA5B8

 5CA8B8

 6EACB8

 81AFB8

 93B2B8

 A6B5B8

Harmonies

Analogous

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



079C9E



0099B8



4B92C6

Triad

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



0099B8



BF7699



8D9052

Complementary

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



0099B8



B81F00

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.



A98651



0099B8



C6757A

Square

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



0099B8



A67EB4



BE7C60



6B9764

Rectangle

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



0099B8



6E8CC7



BE7C60



978D50

Sweetspot

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



0099B8



A8E4F0



00B81F



4D7178



F7F7F7



787878

Same Dimension

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



0099B8



00C7F0



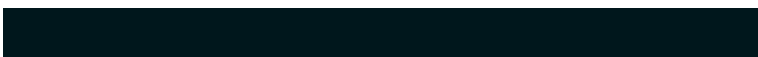
003DB8



535A5C



00819C



00171C

Inverse Universe

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



B80099



F000C7



B87B00



5C535A



9C0081



1C0017

Previews

White Background



This preview shows how the Hex color 0099B8 looks on a white background.

Color Contrast Check

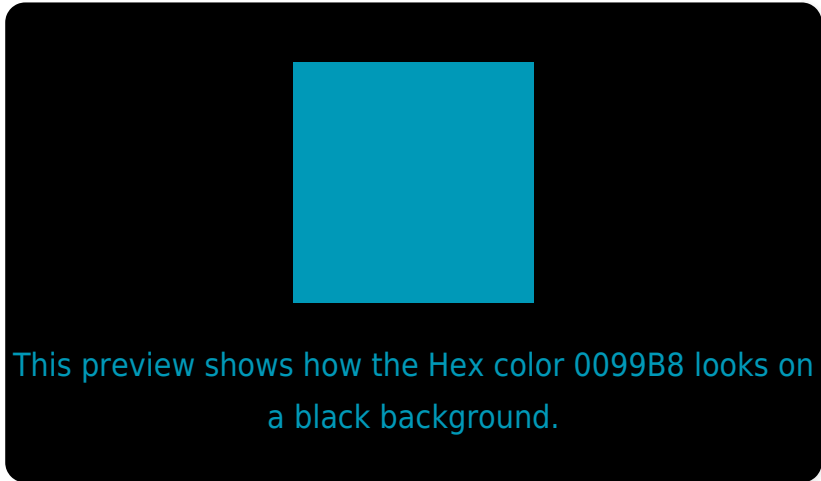
Large Text (above 18pt) WCAG AA ✓ Pass

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

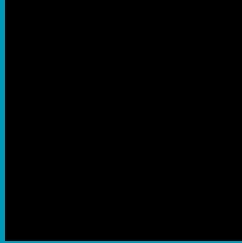
Any Text WCAG AA ✓ Pass

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 0099B8 Background



This preview shows how black text looks on a background with the Hex color 0099B8.

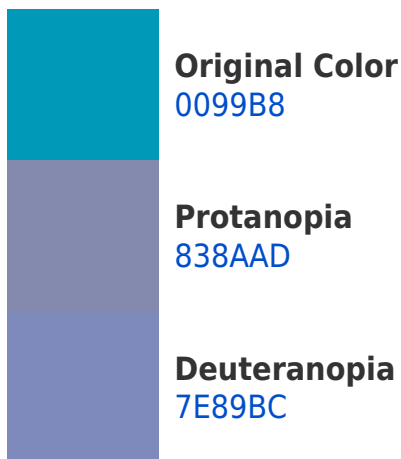


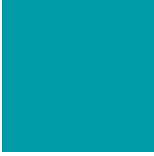
This preview shows how white text looks on a background with the Hex color 0099B8.

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
009BA7

Trichromacy



Original Color
0099B8



Protanomaly
538FB1



Deuteranomaly
508FBB



Tritanomaly
009AAD

Monochromacy



Original Color
0099B8



Achromatopsia
6F6F6F



Achromatomaly
477E8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0099B8 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 #0099B8 looks like.

```
.text, #text, p{  
    color:#0099B8  
}
```

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 #0099B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099B8
}
```

Border

The CSS property to change the border of an element to Hex 0099B8 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
#0099B8 }
```

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

```
.border{ border-color:#0099B8 }
```

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

Here you see how a box with a 4 pixel #0099B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099B8; -webkit-box-shadow:4px 4px  
4px 4px #0099B8; box-shadow:4px 4px 4px  
4px #0099B8 }
```

Background

The CSS property to change the background color of an element to Hex 0099B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099B8 }
```

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

```
.background{ background-color:#0099B8 }
```

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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