

Converting Colors

Hex(0098C8)

Have a look what the booklet for
Hex(0098C8) contains.

Hex(0098C8)	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(0098C8)

Conversions

Conversions Part 1

Format	Color
Hex	0098C8
RGB	0, 152, 200
RGB Percent	0%, 60%, 78%
CMY	1.0000, 0.4039, 0.2157
CMYK	1.00, 0.24, 0.00, 0.22
HSL	194°, 100%, 39%
HSV	194°, 100%, 78%
XYZ	21.6536, 26.6266, 58.6418
YIQ	112.0240, -106.0000, -17.2960

Conversions

Conversions Part 2

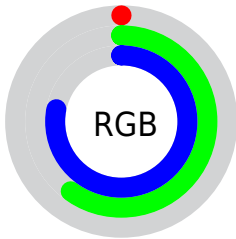
Format	Color
RYB	0, 86, 200
Decimal	39112
CIELab	58.63, -16.29, -34.05
CIElCh	59, 37.751, 244.431
Yxy	26.6266, 0.2025, 0.2490
Android (android.graphics.Color)	4278229192 (0xFF0098C8)
YUV	112.0240, 43.3722, -98.2450
Hunter-Lab	51.6010, -15.3969, -31.2593

Details

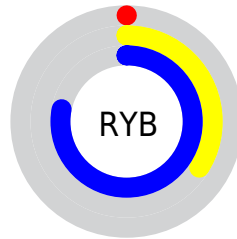
The Hex color **0098C8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C83000**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **63CEFF**, and **006592** is the 20% darker color. If you saturate the color by 10%, you get **0098C8**, and if you desaturate by 10%, it is **149DC8**.

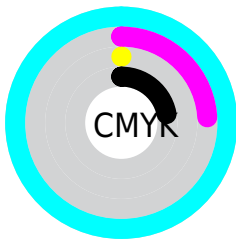
Distribution



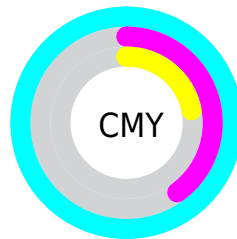
- Red (0%)
- Green (60%)
- Blue (78%)



- Red (0%)
- Yellow (34%)
- Blue (78%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)




- Cyan (100%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0098C8 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 0098C8 by changing the saturation by 10% instead.

 0098C8

 0098C8

FFFFFF

 007EAD

 63CEFF

 006592

 83EBFF

 004D78

 A2FFFF

 00365F

 C0FFFF

 002147

 DFFFFF

 000430

FEFFFF

 00011B

 000000

 0098C8

 149DC8

 28A2C8

 3CA6C8

 50ABC8

 64B0C8

 78B5C8

 8CBAC8

 A0BEC8

 B4C3C8

Harmonies

Analogous

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



009DB1



0098C8



628FCF

Triad

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



0098C8



CB7289



7A9655

Complementary

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



0098C8



C83000

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.



9D8D4A



0098C8



CA7769

Square

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



0098C8



BA77AA



B98152



509C6F

Rectangle

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



0098C8



8787C9



B98152



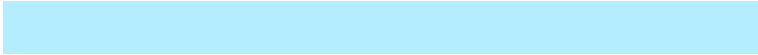
86934F

Sweetspot

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



0098C8



B3EDFF



00C82F



527480



000000



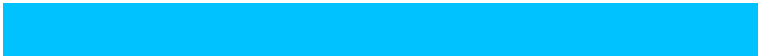
808080

Same Dimension

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



0098C8



00C2FF



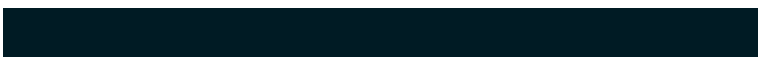
0035C8



5A6163



007CA3



001B24

Inverse Universe

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



C80098



FF00C2



C89300



635A61



A3007C



24001B

Previews

White Background



This preview shows how the Hex color 0098C8 looks on a white background.

Color Contrast Check

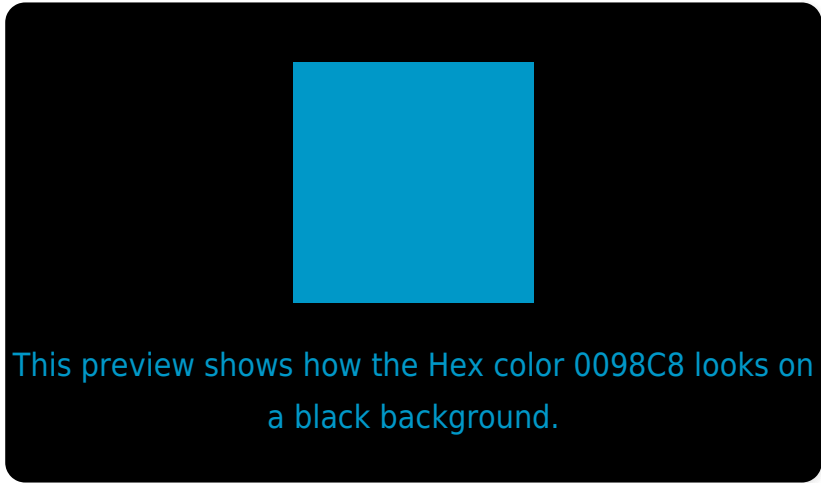
Large Text (above 18pt) WCAG AA ✓ Pass

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

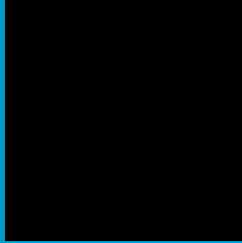
Any Text WCAG AA ✓ Pass

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 0098C8 Background



This preview shows how black text looks on a background with the Hex color 0098C8.



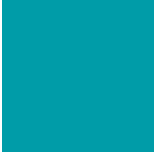
This preview shows how white text looks on a background with the Hex color 0098C8.

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



Original Color
0098C8



Protanomaly
508FC1



Deuteranomaly
4990CA



Tritanomaly
009BB4

Monochromacy



Original Color
0098C8



Achromatopsia
707070



Achromatomaly
477F90

CSS Examples

Text

The CSS property to change the color of the text to Hex 0098C8 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 #0098C8 looks like.

```
.text, #text, p{  
    color:#0098C8  
}
```

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 #0098C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0098C8  
}
```

Border

The CSS property to change the border of an element to Hex 0098C8 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  
#0098C8 }
```

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

```
.border{ border-color:#0098C8 }
```

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

Here you see how a box with a 4 pixel #0098C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0098C8; -webkit-box-shadow:4px 4px  
4px 4px #0098C8; box-shadow:4px 4px 4px  
4px #0098C8 }
```

Background

The CSS property to change the background color of an element to Hex 0098C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0098C8 }
```

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

```
.background{ background-color:#0098C8 }
```

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