

Converting Colors

Hex(0099C2)

Have a look what the booklet for
Hex(0099C2) contains.

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Color

Hex(0099C2)

Conversions

Conversions Part 1

Format	Color
Hex	0099C2
RGB	0, 153, 194
RGB Percent	0%, 60%, 76%
CMY	1.0000, 0.4000, 0.2392
CMYK	1.00, 0.21, 0.00, 0.24
HSL	193°, 100%, 38%
HSV	193°, 100%, 76%
XYZ	21.1288, 26.6775, 55.0746
YIQ	111.9270, -104.3490, -19.6850

Conversions

Conversions Part 2

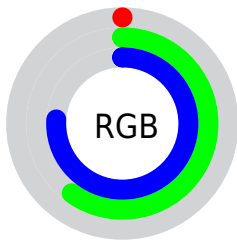
Format	Color
RYB	0, 86, 194
Decimal	39362
CIELab	58.67, -18.99, -30.60
CIELCh	59, 36.014, 238.186
Yxy	26.6775, 0.2054, 0.2593
Android (android.graphics.Color)	4278229442 (0xFF0099C2)
YUV	111.9270, 40.4620, -98.1600
Hunter-Lab	51.6503, -17.3681, -27.0656

Details

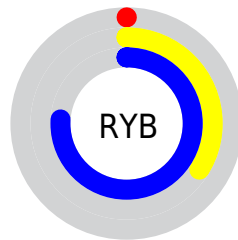
The Hex color **0099C2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C22900**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **62CFFB**, and **00668C** is the 20% darker color. If you saturate the color by 10%, you get **0099C2**, and if you desaturate by 10%, it is **139DC2**.

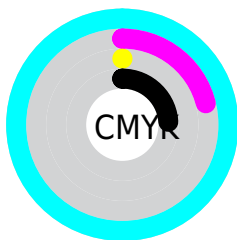
Distribution



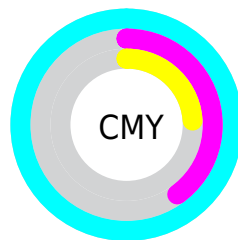
- Red (0%)
- Green (60%)
- Blue (76%)



- Red (0%)
- Yellow (34%)
- Blue (76%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0099C2 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 0099C2 by changing the saturation by 10% instead.

 0099C2

 0099C2

FFFFFF

 007FA7

 62CFFB

 00668C

 82ECFF

 004E73

 A0FFFF

 00375A

 BFFFFFF

 002242

 DDDFFF

 00032C

 FFFFFFF

 000116

 000000

 0099C2

 139DC2

 27A1C2

 3AA5C2

 4EA9C2

 61ADC2

 74B2C2

 88B6C2

 9BBAC2

 AFBEC2

Harmonies

Analogous

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



009DAA



0099C2



5991CC

Triad

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



0099C2



C77490



839454

Complementary

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



0099C2



C22900

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.



A38B4D



0099C2



C97671

Square

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



0099C2



B37AAF



BC7F58



5D9B6B

Rectangle

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



0099C2



7E8AC9



BC7F58



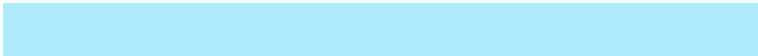
8E9150

Sweetspot

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



0099C2



B1ECFC



00C227



527680



000000



808080

Same Dimension

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



0099C2



00C7FC



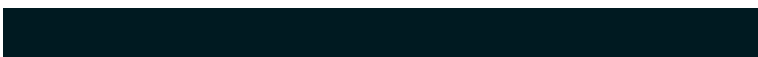
003AC2



575F61



007FA1



001A21

Inverse Universe

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



C20099



FC00C7



C28800



61575F



A1007F



21001A

Previews

White Background



This preview shows how the Hex color 0099C2 looks on a white background.

Color Contrast Check

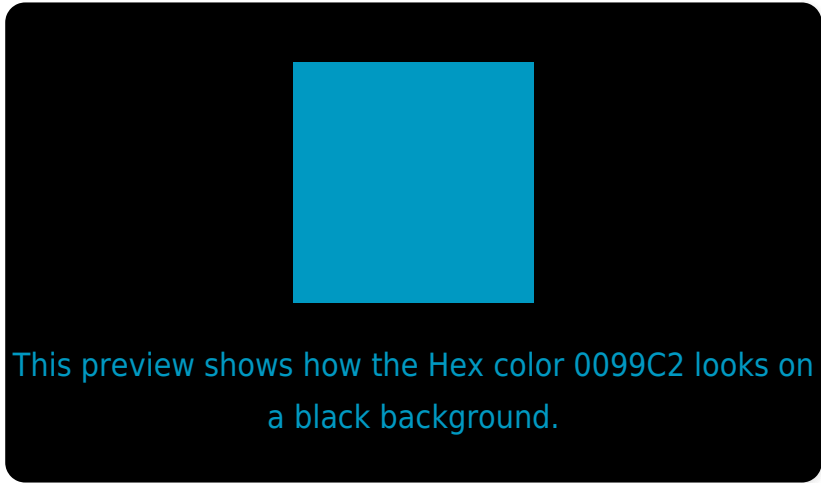
Large Text (above 18pt) WCAG AA ✓ Pass

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

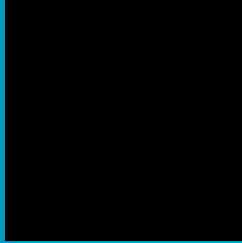
Any Text WCAG AA ✓ Pass

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 0099C2 Background



This preview shows how black text looks on a background with the Hex color 0099C2.



This preview shows how white text looks on a background with the Hex color 0099C2.

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



Trichromacy



Original Color
0099C2

Protanomaly
5190BB

Deuteranomaly
4C90C4

Monochromacy



Original Color
0099C2

Achromatopsia
707070

Achromatomaly
477F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0099C2 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 #0099C2 looks like.

```
.text, #text, p{  
    color:#0099C2  
}
```

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 #0099C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0099C2
}
```

Border

The CSS property to change the border of an element to Hex 0099C2 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
#0099C2 }
```

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

```
.border{ border-color:#0099C2 }
```

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

Here you see how a box with a 4 pixel #0099C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0099C2; -webkit-box-shadow:4px 4px  
4px 4px #0099C2; box-shadow:4px 4px 4px  
4px #0099C2 }
```

Background

The CSS property to change the background color of an element to Hex 0099C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0099C2 }
```

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

```
.background{ background-color:#0099C2 }
```

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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