

Converting Colors

Hex(099CA8)

Have a look what the booklet for
Hex(099CA8) contains.

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Color

Hex(099CA8)

Conversions

Conversions Part 1

Format	Color
Hex	099CA8
RGB	9, 156, 168
RGB Percent	4%, 61%, 66%
CMY	0.9647, 0.3882, 0.3412
CMYK	0.95, 0.07, 0.00, 0.34
HSL	185°, 90%, 35%
HSV	185°, 95%, 66%
XYZ	19.0690, 26.6622, 41.1871
YIQ	113.4150, -91.4640, -27.4320

Conversions

Conversions Part 2

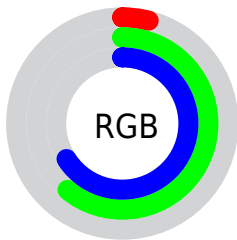
Format	Color
RYB	9, 85, 168
Decimal	629928
CIELab	58.66, -29.10, -15.92
CIELCh	59, 33.173, 208.676
Yxy	26.6622, 0.2194, 0.3067
Android (android.graphics.Color)	4278820008 (0xFF099CA8)
YUV	113.4150, 26.9104, -91.5720
Hunter-Lab	51.6354, -24.4418, -11.1480

Details

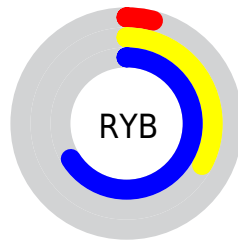
The Hex color **099CA8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A81509**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5FD3DF**, and **006874** is the 20% darker color. If you saturate the color by 10%, you get **009BA8**, and if you desaturate by 10%, it is **1A9DA8**.

Distribution



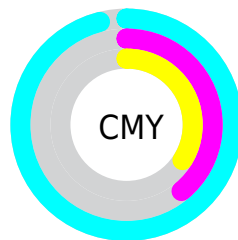
- Red (4%)
- Green (61%)
- Blue (66%)



- Red (4%)
- Yellow (33%)
- Blue (66%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (96%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 099CA8 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 099CA8 by changing the saturation by 10% instead.

099CA8

099CA8

FFFFFF

00828E

5FD3DF

006874

7EEFFC

00505B

9CFFFF

003844

BAFFFF

00232E

D8FFFF

00011A

F7FFFF

000000

099CA8

099CA8

009BA8

1A9DA8

 2B9FA8

 3BA0A8

 4CA1A8

 5DA2A8

 6EA4A8

 7FA5A8

 8FA6A8

 A0A7A8

Harmonies

Analogous

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



399C8B



099CA8



2A98BE

Triad

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



099CA8



B17CAC



A18B52

Complementary

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



099CA8



A81509

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.



B8815C



099CA8



C37790

Square

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



099CA8



8E86C0



C57973



839459

Rectangle

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



099CA8



4F93C6



C57973



AA8854

Sweetspot

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



099CA8



9ED7DB



09A814



486B6E



EDEDED



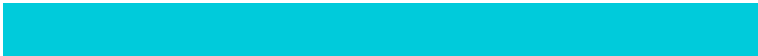
6E6E6E

Same Dimension

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



099CA8



00CBDB



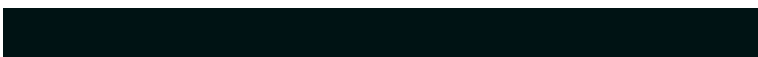
094EA8



4C5454



008994



001314

Inverse Universe

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



A8099C



DB00CB



A86309



544C54



940089



140013

Previews

White Background



This preview shows how the Hex color 099CA8 looks on a white background.

Color Contrast Check

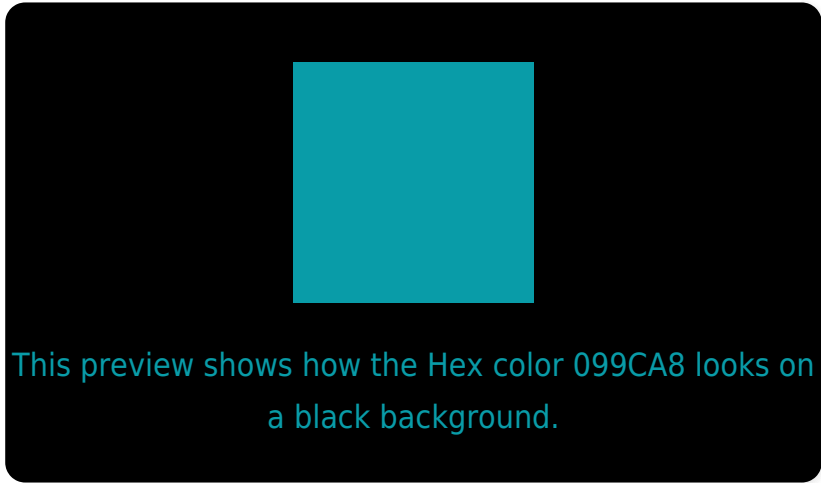
Large Text (above 18pt) WCAG AA ✓ Pass

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

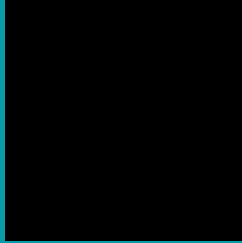
Any Text WCAG AA ✓ Pass

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 099CA8 Background



This preview shows how black text looks on a background with the Hex color 099CA8.

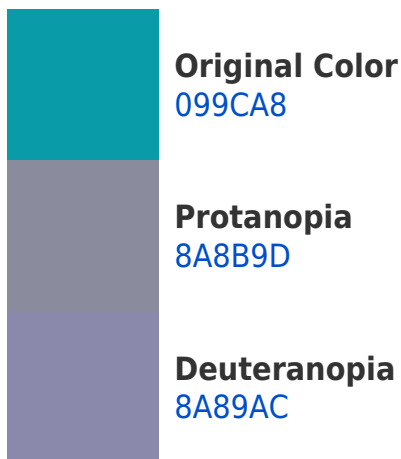


This preview shows how white text looks on a background with the Hex color 099CA8.

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
0B9CA9

Trichromacy



Original Color
099CA8



Protanomaly
5B91A1



Deuteranomaly
5B90AB



Tritanomaly
0A9CA9

Monochromacy



Original Color
099CA8



Achromatopsia
717171



Achromatomaly
4B8185

CSS Examples

Text

The CSS property to change the color of the text to Hex 099CA8 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 #099CA8 looks like.

```
.text, #text, p{  
    color:#099CA8  
}
```

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 #099CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099CA8
}
```

Border

The CSS property to change the border of an element to Hex 099CA8 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
#099CA8 }
```

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

```
.border{ border-color:#099CA8 }
```

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

Here you see how a box with a 4 pixel #099CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099CA8; -webkit-box-shadow:4px 4px  
4px 4px #099CA8; box-shadow:4px 4px 4px  
4px #099CA8 }
```

Background

The CSS property to change the background color of an element to Hex 099CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099CA8 }
```

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

```
.background{ background-color:#099CA8 }
```

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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