

# Converting Colors

Hex(099B7A)

Have a look what the booklet for  
Hex(099B7A) contains.

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# Color

**Hex(099B7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	099B7A
RGB	9, 155, 122
RGB Percent	4%, 61%, 48%
CMY	0.9647, 0.3922, 0.5216
CMYK	0.94, 0.00, 0.21, 0.39
HSL	166°, 89%, 32%
HSV	166°, 94%, 61%
XYZ	15.3469, 24.9059, 22.4108
YIQ	107.5840, -76.4230, -41.2150

# Conversions

## Conversions Part 2

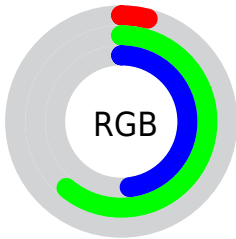
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 91, 155
Decimal	629626
CIELab	56.98, -42.32, 7.75
CIELCh	57, 43.020, 169.624
Yxy	24.9059, 0.2449, 0.3975
Android (android.graphics.Color)	4278819706 (0xFF099B7A)
YUV	107.5840, 7.1071, -86.4582
Hunter-Lab	49.9058, -32.4435, 8.3092

# Details

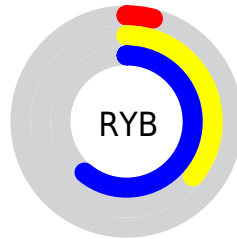
The Hex color **099B7A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B092A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5AD2AE**, and **006749** is the 20% darker color. If you saturate the color by 10%, you get **009B78**, and if you desaturate by 10%, it is **189B7E**.

# Distribution



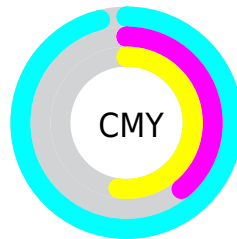
- Red (4%)
- Green (61%)
- Blue (48%)



- Red (4%)
- Yellow (36%)
- Blue (61%)



- Cyan (94%)
- Magenta (0%)
- Yellow (21%)
- Black (39%)



- Cyan (96%)
- Magenta (39%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 099B7A 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 099B7A by changing the saturation by 10% instead.



 099B7A

 099B7A

FFFFFF

 008061

 5AD2AE

 006749

 78EFCA

 004E33

 95FFE6

 00361E

 B3FFFF

 002005

 D0FFFF

 000000

 EEEFFF

 099B7A

 099B7A

 009B78

 189B7E

 289B81

 379B85

 479B88

 569B8C

 669B8F

 759B93

 859B96

 949B9A

# Harmonies

## Analogous

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



5B9756



099B7A



009CA1

# Triad

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



099B7A



7684CF



C47451

# Complementary

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



099B7A



9B092A

# 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.



CF6A72



099B7A



AA75BA

# Square

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



099B7A



1391D2



C86B97



AA823D

# Rectangle

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



099B7A



009AB8



C86B97



CA705B



# Sweetspot

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



099B7A



91C9BD



2B9B09



43665E



E6E6E6



666666



# Same Dimension

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



099B7A



00C99C



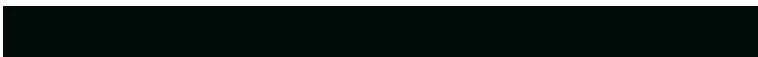
09749B



454D4B



008C6D



000D0A



# Inverse Universe

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



9B092A



C9002E



9B3009



4D4547



8C0020



0D0003



# Previews

## White Background



This preview shows how the Hex color 099B7A looks on a white background.

## Color Contrast Check

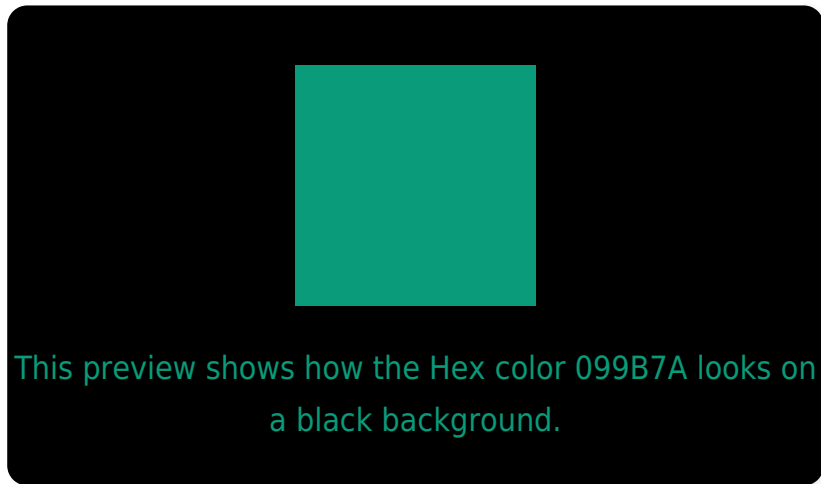
Large Text (above 18pt) WCAG AA ✓ Pass

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

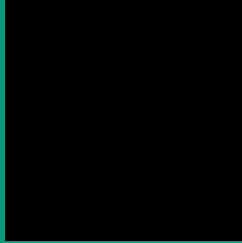
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 099B7A Background



This preview shows how black text looks on a background with the Hex color 099B7A.



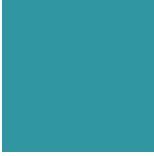
This preview shows how white text looks on a background with the Hex color 099B7A.

# 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**  
3096A2

# Trichromacy



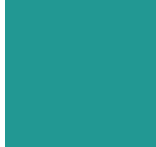
**Original Color**  
099B7A



**Protanomaly**  
5F8F74



**Deuteranomaly**  
648C7D



**Tritanomaly**  
229893

# Monochromacy



**Original Color**  
099B7A



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
487D71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 099B7A 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 #099B7A looks like.

```
.text, #text, p{  
    color:#099B7A  
}
```

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 #099B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099B7A
}
```

## Border

The CSS property to change the border of an element to Hex 099B7A 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
#099B7A }
```

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

```
.border{ border-color:#099B7A }
```

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

Here you see how a box with a 4 pixel #099B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099B7A; -webkit-box-shadow:4px 4px  
4px 4px #099B7A; box-shadow:4px 4px 4px  
4px #099B7A }
```

# Background

The CSS property to change the background color of an element to Hex 099B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099B7A }
```

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

```
.background{ background-color:#099B7A }
```

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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