

# Converting Colors

Hex(099978)

Have a look what the booklet for  
Hex(099978) contains.

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**Color**

**Hex(099978)**

# Conversions

## Conversions Part 1

Format	Color
Hex	099978
RGB	9, 153, 120
RGB Percent	4%, 60%, 47%
CMY	0.9647, 0.4000, 0.5294
CMYK	0.94, 0.00, 0.22, 0.40
HSL	166°, 89%, 32%
HSV	166°, 94%, 60%
XYZ	14.8941, 24.1966, 21.6547
YIQ	106.1820, -75.2310, -40.7910

# Conversions

## Conversions Part 2

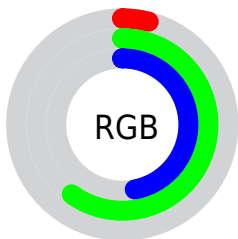
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 90, 153
Decimal	629112
CIELab	56.28, -42.01, 7.89
CIELCh	56, 42.739, 169.368
Yxy	24.1966, 0.2452, 0.3983
Android (android.graphics.Color)	4278819192 (0xFF099978)
YUV	106.1820, 6.8123, -85.2286
Hunter-Lab	49.1900, -32.0353, 8.3321

# Details

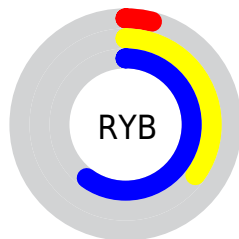
The Hex color **099978** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **99092A**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **59D0AC**, and **006548** is the 20% darker color. If you saturate the color by 10%, you get **009976**, and if you desaturate by 10%, it is **18997C**.

# Distribution



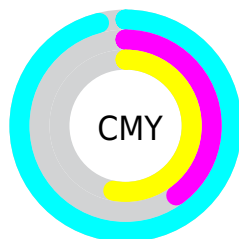
- Red (4%)
- Green (60%)
- Blue (47%)



- Red (4%)
- Yellow (35%)
- Blue (60%)



- Cyan (94%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (96%)
- Magenta (40%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 099978 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 099978 by changing the saturation by 10% instead.



 099978

 099978

FFFFFF

 007E5F

 59D0AC

 006548

 77EDC8

 004C31

 95FFE4

 00341C

 B2FFFF

 001E03

 CFFFFFF

 000000

 EDFFFF

 099978

 099978

 009976

 18997C

■ 28997F

■ 379983

■ 469986

■ 56998A

■ 65998D

■ 749991

■ 839994

■ 939998

# Harmonies

## Analogous

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



5A9555



099978



009A9E

# Triad

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



099978



7482CD



C27350

# Complementary

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



099978



99092A

# 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.



CD6970



099978



A874B8

# Square

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



099978



0D8FD0



C56996



A8803C

# Rectangle

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



099978



0098B5



C56996



C76F5A



# Sweetspot

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



099978



8FC7BA



2B9909



42635C



E3E3E3



636363



# Same Dimension

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



099978



00C799



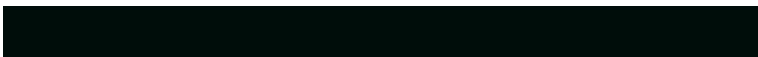
097399



454D4B



008C6C



000D0A



# Inverse Universe

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



99092A



C7002E



992F09



4D4547



8C0020



0D0003



# Previews

## White Background



This preview shows how the Hex color 099978 looks on a white background.

## Color Contrast Check

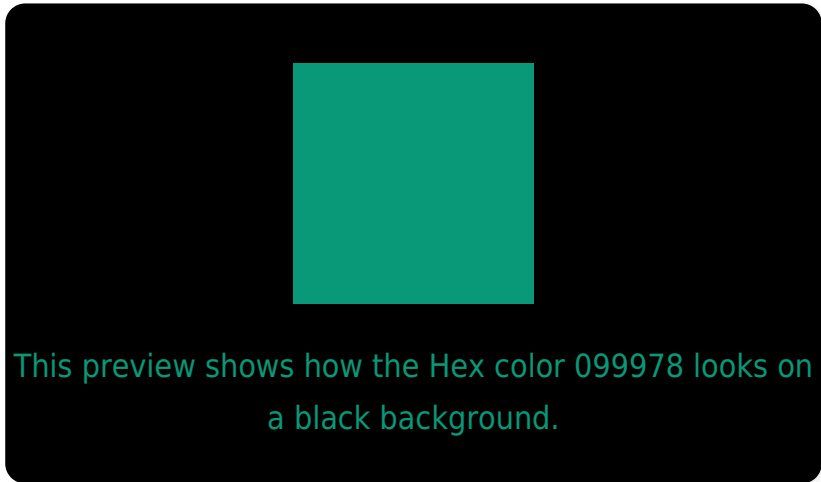
Large Text (above 18pt) WCAG AA ✓ Pass

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

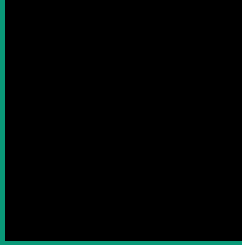
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 099978 Background



This preview shows how black text looks on a background with the Hex color 099978.

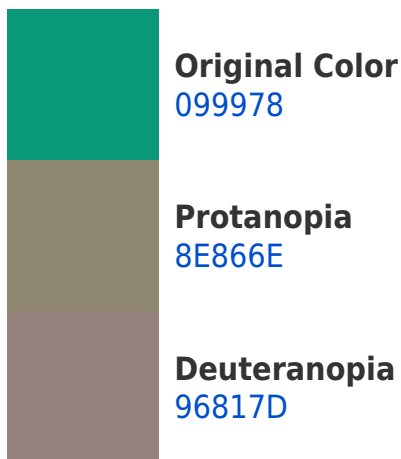


This preview shows how white text looks on a background with the Hex color 099978.

# 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**  
3094A0

# Trichromacy



**Original Color**  
099978



**Protanomaly**  
5E8D72



**Deuteranomaly**  
638A7B



**Tritanomaly**  
229691

# Monochromacy



**Original Color**  
099978



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
477B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 099978 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 #099978 looks like.

```
.text, #text, p{  
    color:#099978  
}
```

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 #099978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #099978
}
```

## Border

The CSS property to change the border of an element to Hex 099978 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
#099978 }
```

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

```
.border{ border-color:#099978 }
```

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

Here you see how a box with a 4 pixel #099978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #099978; -webkit-box-shadow:4px 4px  
4px 4px #099978; box-shadow:4px 4px 4px  
4px #099978 }
```

# Background

The CSS property to change the background color of an element to Hex 099978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#099978 }
```

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

```
.background{ background-color:#099978 }
```

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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