

Converting Colors

Hex(0C978A)

Have a look what the booklet for
Hex(0C978A) contains.

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Color

Hex(0C978A)

Conversions

Conversions Part 1

Format	Color
Hex	0C978A
RGB	12, 151, 138
RGB Percent	5%, 59%, 54%
CMY	0.9529, 0.4078, 0.4588
CMYK	0.92, 0.00, 0.09, 0.41
HSL	174°, 85%, 32%
HSV	174°, 92%, 59%
XYZ	15.8057, 24.0464, 27.8531
YIQ	107.9570, -78.6710, -33.5110

Conversions

Conversions Part 2

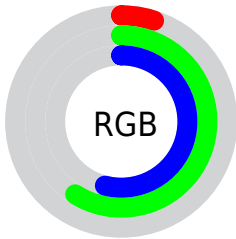
Format	Color
RYB	12, 85, 151
Decimal	825226
CIELab	56.13, -35.97, -2.59
CIELCh	56, 36.061, 184.120
Yxy	24.0464, 0.2334, 0.3552
Android (android.graphics.Color)	4279015306 (0xFF0C978A)
YUV	107.9570, 14.8112, -84.1543
Hunter-Lab	49.0371, -28.2806, 0.6492

Details

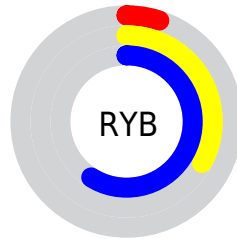
The Hex color **0C978A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **970C19**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BCEBF**, and **006358** is the 20% darker color. If you saturate the color by 10%, you get **009789**, and if you desaturate by 10%, it is **1B978B**.

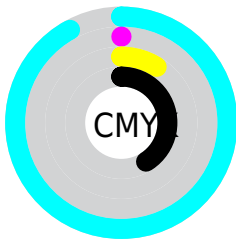
Distribution



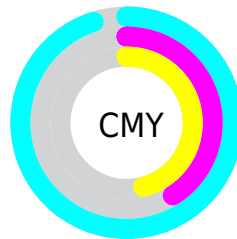
- Red (5%)
- Green (59%)
- Blue (54%)



- Red (5%)
- Yellow (33%)
- Blue (59%)



- Cyan (92%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (95%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C978A 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 0C978A by changing the saturation by 10% instead.

 0C978A

 0C978A

FFFFFF

 007D71

 5BCEBF

 006358

 79EADB

 004B41

 97FFF8

 00332B

 B4FFF8

 001E17

 D2FFF8

 000000

 EFFFFFF

 0C978A

 0C978A

 009789

 1B978B

■ 2A978D

■ 39978E

■ 489790

■ 579791

■ 679792

■ 769794

■ 859795

■ 949797

Harmonies

Analogous

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



4E956A



0C978A



0096A9

Triad

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



0C978A



8F7DBB



B07B4F

Complementary

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



0C978A



970C19

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.



C07165



0C978A



B172A3

Square

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



0C978A



5D88C5



C26D83



968647

Rectangle

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



0C978A



0093B9



C26D83



B77855

Sweetspot

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



0C978A



8DC4BF



1A970C



426360



E3E3E3



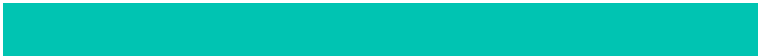
636363

Same Dimension

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



0C978A



00C4B2



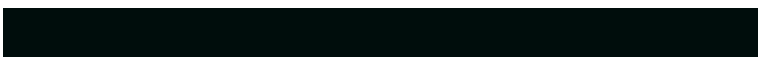
0C5F97



454D4C



008C7F



000D0C

Inverse Universe

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



970C19



C40012



97440C



4D4546



8C000D



0D0001

Previews

White Background



This preview shows how the Hex color 0C978A looks on a white background.

Color Contrast Check

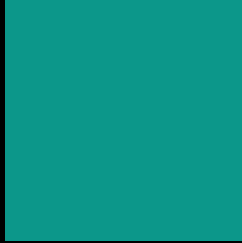
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0C978A looks on a 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 0C978A Background



This preview shows how black text looks on a background with the Hex color 0C978A.

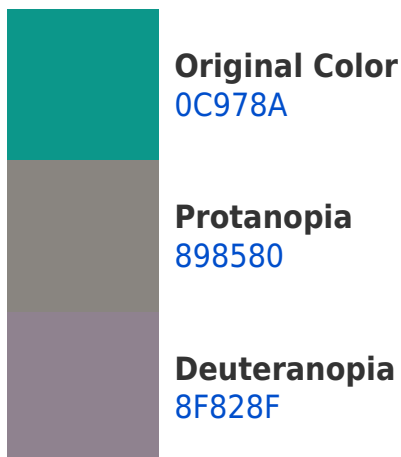


This preview shows how white text looks on a background with the Hex color 0C978A.

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
2694A0

Trichromacy



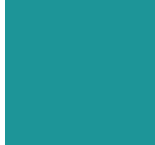
Original Color
0C978A



Protanomaly
5C8C84



Deuteranomaly
5F8A8D



Tritanomaly
1D9598

Monochromacy



Original Color
0C978A



Achromatopsia
6C6C6C



Achromatomaly
497C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C978A 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 #0C978A looks like.

```
.text, #text, p{  
    color:#0C978A  
}
```

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 #0C978A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C978A
}
```

Border

The CSS property to change the border of an element to Hex 0C978A 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
#0C978A }
```

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

```
.border{ border-color:#0C978A }
```

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

Here you see how a box with a 4 pixel #0C978A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C978A; -webkit-box-shadow:4px 4px  
4px 4px #0C978A; box-shadow:4px 4px 4px  
4px #0C978A }
```

Background

The CSS property to change the background color of an element to Hex 0C978A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C978A }
```

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

```
.background{ background-color:#0C978A }
```

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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