

Converting Colors

Hex(00989E)

Have a look what the booklet for
Hex(00989E) contains.

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Color

Hex(00989E)

Conversions

Conversions Part 1

Format	Color
Hex	00989E
RGB	0, 152, 158
RGB Percent	0%, 60%, 62%
CMY	1.0000, 0.4039, 0.3804
CMYK	1.00, 0.04, 0.00, 0.38
HSL	182°, 100%, 31%
HSV	182°, 100%, 62%
XYZ	17.3998, 24.9251, 36.2417
YIQ	107.2360, -92.5180, -30.3580

Conversions

Conversions Part 2

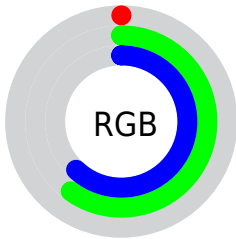
Format	Color
RYB	0, 77, 158
Decimal	39070
CIELab	57.00, -30.76, -12.74
CIELCh	57, 33.295, 202.496
Yxy	24.9251, 0.2215, 0.3172
Android (android.graphics.Color)	4278229150 (0xFF00989E)
YUV	107.2360, 25.0267, -94.0460
Hunter-Lab	49.9250, -25.1583, -8.0924

Details

The Hex color **00989E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9E0600**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5BCFD5**, and **00646B** is the 20% darker color. If you saturate the color by 10%, you get **00989E**, and if you desaturate by 10%, it is **10999E**.

Distribution



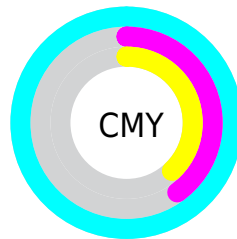
- Red (0%)
- Green (60%)
- Blue (62%)



- Red (0%)
- Yellow (30%)
- Blue (62%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)




- Cyan (100%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00989E 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 00989E by changing the saturation by 10% instead.

 00989E

 00989E

FFFFFF

 007E84

 5BCFD5

 00646B

 7AEBF1

 004C53

 98FFFF

 00343C

 B6FFFF

 002126

 D4FFFF

 000111

 F2FFFF

 000000

 00989E

 10999E

 20999E

 2F9A9E

 3F9A9E

 4F9B9E

 5F9C9E

 6F9C9E

 7E9D9E

 8E9D9E

Harmonies

Analogous

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



3C9880



00989E



1295B6

Triad

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



00989E



A679AC



A2854F

Complementary

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



00989E



9E0600

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.



B77A5C



00989E



BC7391

Square

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



00989E



8184BE



C17374



868E52

Rectangle

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



00989E



3E91C0



C17374



AA8152

Sweetspot

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



00989E



91CCCF



009E05



436769



E8E8E8



696969

Same Dimension

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



00989E



00C7CF



004A9E



474F4F



00898F



000F0F

Inverse Universe

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



9E0098



CF00C7



9E5400



4F474F



8F0089



0F000F

Previews

White Background



This preview shows how the Hex color 00989E looks on a white background.

Color Contrast Check

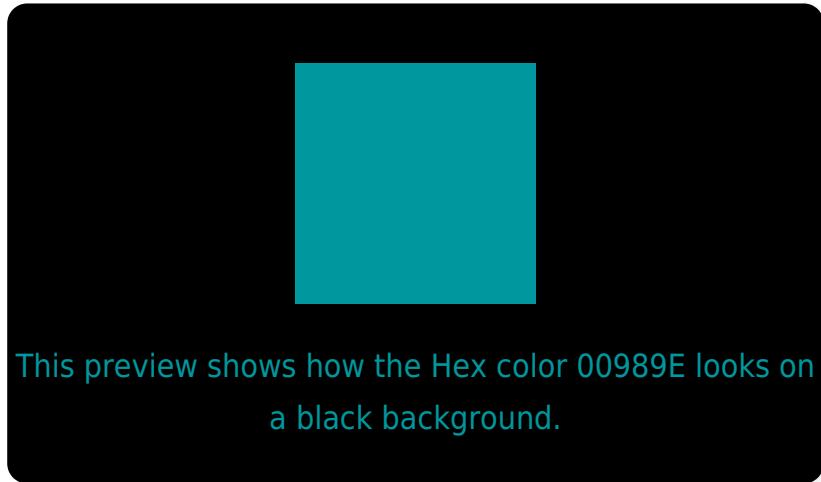
Large Text (above 18pt) WCAG AA ✓ Pass

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

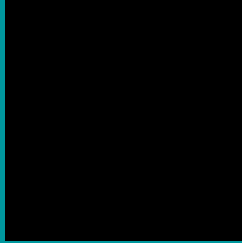
Any Text WCAG AA ✓ Pass

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 00989E Background



This preview shows how black text looks on a background with the Hex color 00989E.

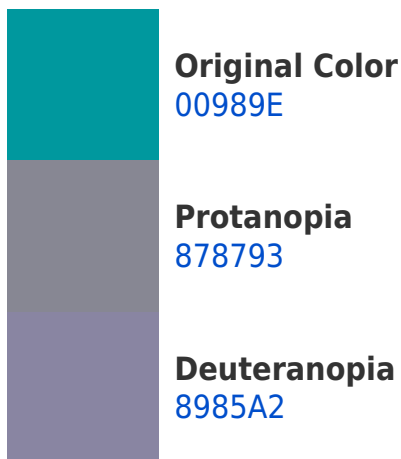


This preview shows how white text looks on a background with the Hex color 00989E.

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
1597A3

Trichromacy



Original Color
00989E



Protanomaly
568D97



Deuteranomaly
578CA1



Tritanomaly
0D97A1

Monochromacy



Original Color
00989E



Achromatopsia
6B6B6B



Achromatomaly
447B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00989E 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 #00989E looks like.

```
.text, #text, p{  
    color:#00989E  
}
```

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 #00989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00989E
}
```

Border

The CSS property to change the border of an element to Hex 00989E 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
#00989E }
```

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

```
.border{ border-color:#00989E }
```

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

Here you see how a box with a 4 pixel #00989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00989E; -webkit-box-shadow:4px 4px  
4px 4px #00989E; box-shadow:4px 4px 4px  
4px #00989E }
```

Background

The CSS property to change the background color of an element to Hex 00989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00989E }
```

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

```
.background{ background-color:#00989E }
```

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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