

# Converting Colors

Hex(00979C)

Have a look what the booklet for  
Hex(00979C) contains.

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**Color**

**Hex(00979C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00979C
RGB	0, 151, 156
RGB Percent	0%, 59%, 61%
CMY	1.0000, 0.4078, 0.3882
CMYK	1.00, 0.03, 0.00, 0.39
HSL	182°, 100%, 31%
HSV	182°, 100%, 61%
XYZ	17.0674, 24.5335, 35.2884
YIQ	106.4210, -91.6010, -30.4570

# Conversions

## Conversions Part 2

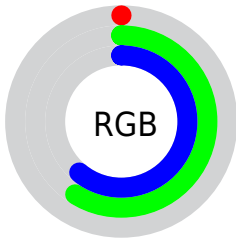
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 156
Decimal	38812
CIELab	56.62, -30.92, -12.18
CIELCh	57, 33.235, 201.491
Yxy	24.5335, 0.2220, 0.3191
Android (android.graphics.Color)	4278228892 (0xFF00979C)
YUV	106.4210, 24.4424, -93.3312
Hunter-Lab	49.5313, -25.1728, -7.5690

# Details

The Hex color **00979C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C0500**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5BCED2**, and **006369** is the 20% darker color. If you saturate the color by 10%, you get **00979C**, and if you desaturate by 10%, it is **10989C**.

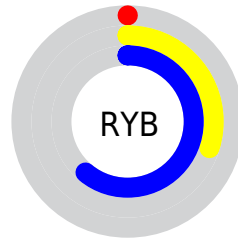
# Distribution



Red (0%)

Green (59%)

Blue (61%)



Red (0%)

Yellow (30%)

Blue (61%)

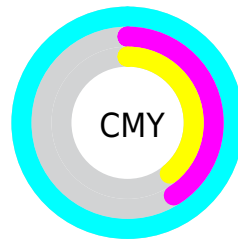


Cyan (100%)

Magenta (3%)

Yellow (0%)

Black (39%)



Cyan (100%)

Magenta (41%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00979C 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 00979C by changing the saturation by 10% instead.



 00979C

 00979C

FFFFFF

 007D82

 5BCED2

 006369

 79EAEF

 004B51


 97FFFF

 00343A

 B5FFFF

 002024

 D3FFFF

 00010F

 F1FFFF

 000000

 00979C

 10989C

 1F989C

 2F999C

 3E999C

 4E9A9C

 5E9A9C

 6D9B9C

 7D9B9C

 8C9C9C

# Harmonies

## Analogous

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



3D977E



00979C



0C94B4

# Triad

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



00979C



A479AC



A2834E

# Complementary

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



00979C



9C0500

# 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.



B7795C



00979C



BA7291

# Square

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



00979C



7F83BE



C07274



868D51

# Rectangle

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



00979C



3B90BE



C07274



AA8051



# Sweetspot

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



00979C



8FCACC



009C03



416566



E6E6E6



666666



# Same Dimension

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



00979C



00C5CC



004B9C



474F4F



008A8F



000F0F



# Inverse Universe

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



9C0097



CC00C5



9C5100



4F474F



8F008A



0F000F



# Previews

## White Background



This preview shows how the Hex color 00979C looks on a white background.

## Color Contrast Check

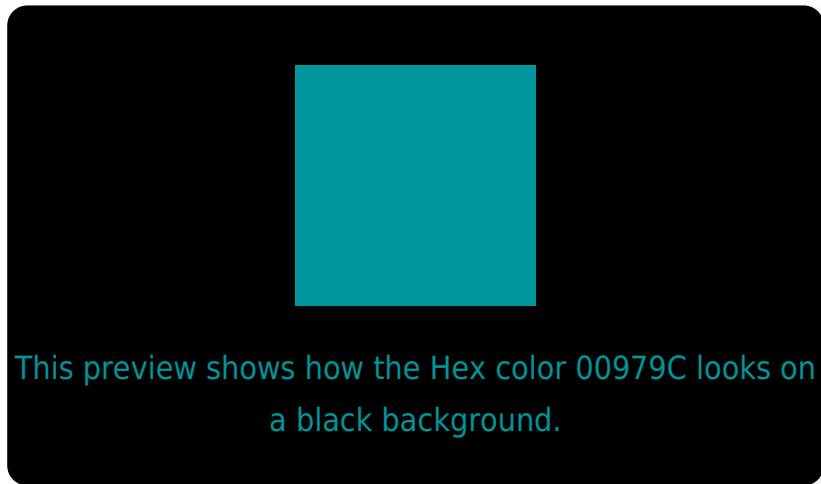
Large Text (above 18pt) WCAG AA ✓ Pass

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

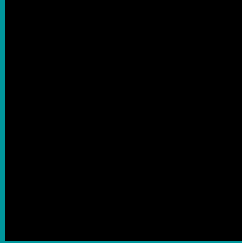
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00979C Background



This preview shows how black text looks on a background with the Hex color 00979C.

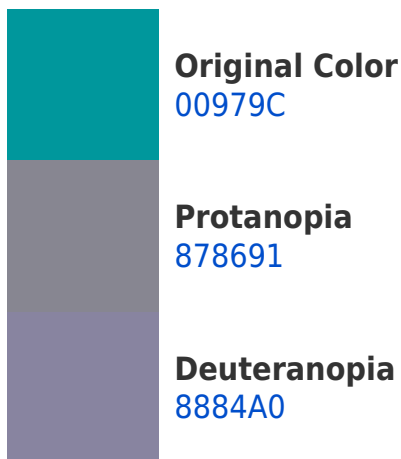


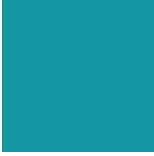
This preview shows how white text looks on a background with the Hex color 00979C.

# 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**  
1696A2

# Trichromacy



**Original Color**  
00979C

**Protanomaly**  
568C95

**Deuteranomaly**  
578B9F

**Tritanomaly**  
0E96A0

# Monochromacy



**Original Color**  
00979C

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
437A7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00979C 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 #00979C looks like.

```
.text, #text, p{  
    color:#00979C  
}
```

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 #00979C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00979C
}
```

## Border

The CSS property to change the border of an element to Hex 00979C 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
#00979C }
```

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

```
.border{ border-color:#00979C }
```

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

Here you see how a box with a 4 pixel #00979C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00979C; -webkit-box-shadow:4px 4px  
4px 4px #00979C; box-shadow:4px 4px 4px  
4px #00979C }
```

# Background

The CSS property to change the background color of an element to Hex 00979C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00979C }
```

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

```
.background{ background-color:#00979C }
```

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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