

# Converting Colors

Hex(879C80)

Have a look what the booklet for  
Hex(879C80) contains.

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# **Color**

**Hex(879C80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879C80
RGB	135, 156, 128
RGB Percent	53%, 61%, 50%
CMY	0.4706, 0.3882, 0.4980
CMYK	0.13, 0.00, 0.18, 0.39
HSL	105°, 12%, 56%
HSV	105°, 18%, 61%
XYZ	25.7764, 30.4863, 24.9480
YIQ	146.5290, -3.5280, -13.1600

# Conversions

## Conversions Part 2

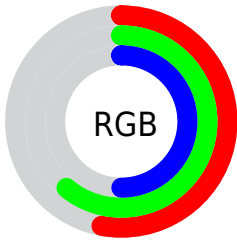
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 156, 149
Decimal	8887424
CIELab	62.07, -12.87, 12.22
CIELCh	62, 17.752, 136.485
Yxy	30.4863, 0.3174, 0.3754
Android (android.graphics.Color)	4287077504 (0xFF879C80)
YUV	146.5290, -9.1348, -10.1109
Hunter-Lab	55.2144, -13.2940, 11.8607

# Details

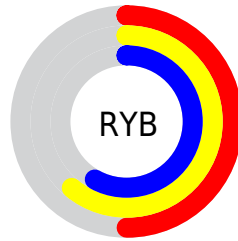
The Hex color **879C80** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **95809C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BCD3B5**, and **55694F** is the 20% darker color. If you saturate the color by 10%, you get **7B9C70**, and if you desaturate by 10%, it is **939C90**.

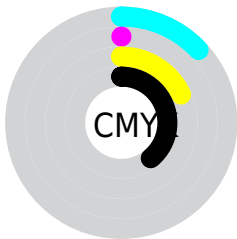
# Distribution



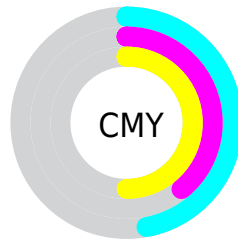
- Red (53%)
- Green (61%)
- Blue (50%)



- Red (50%)
- Yellow (61%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879C80 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 879C80 by changing the saturation by 10% instead.



 879C80

FFFFFF

 BCD3B5

 D8EFD0

 F5FFED

 879C80

 6E8267

 55694F

 3E5138

 273A22

 13240D

 000E00


 000000

 879C80

 7B9C70

 879C80

 939C90

 709C61

 9E9C9F

 649C51

 AA9CAF

 589C42

 B69CBE

 4D9C32

 C29CCE

 419C22

 CD9CDE

 359C13

 D99CED

 299C03

 E59CFD

 279C00

 F09CFF

# Harmonies

## Analogous

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



999878



879C80



769F8E

# Triad

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



879C80



7B9AB4



B78B8E

# Complementary

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



879C80



95809C

# 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.



B18C9E



879C80



8F94B4

# Square

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



879C80



6D9DAC



A38FAC



B48E80

# Rectangle

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



879C80



6E9F99



A38FAC



B68B93



# Sweetspot

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



879C80



C4CCC2



9C9580



616660



E6E6E6



666666



# Same Dimension

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



879C80



AACC9F



809C87



494F47



248F00



040F00



# Inverse Universe

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



95809C



C19FCC



9C8095



4D474F



6B008F

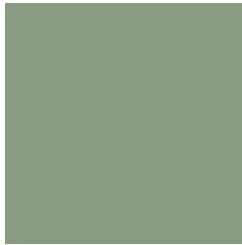


0B000F



# Previews

## White Background



This preview shows how the Hex color 879C80 looks on a white background.

## Color Contrast Check

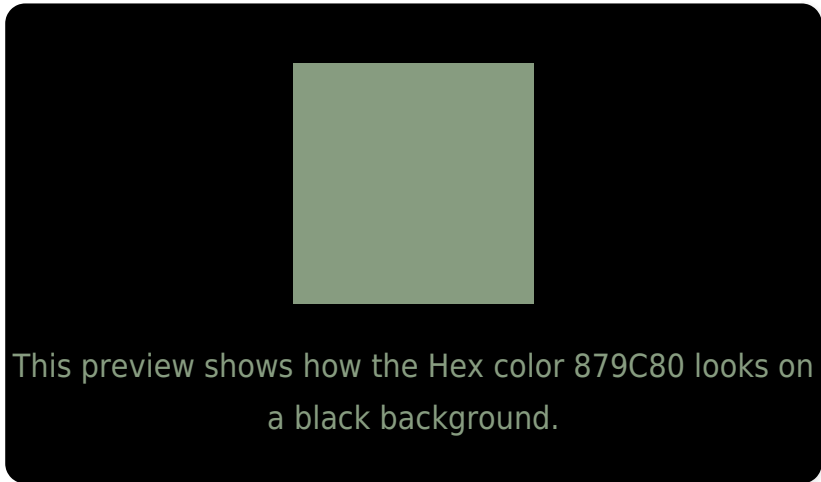
Large Text (above 18pt) WCAG AA × Fail

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

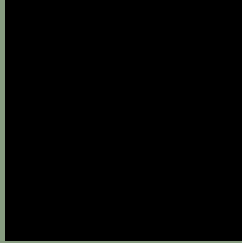
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 879C80 Background



This preview shows how black text looks on a background with the Hex color 879C80.



This preview shows how white text looks on a background with the Hex color 879C80.

# 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



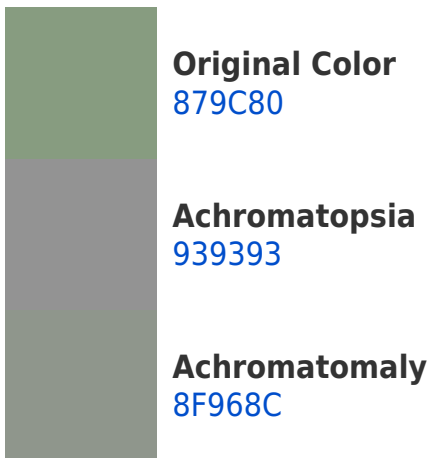


**Tritanopia**  
8D97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879C80 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 #879C80 looks like.

```
.text, #text, p{  
    color:#879C80  
}
```

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 #879C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879C80
}
```

## Border

The CSS property to change the border of an element to Hex 879C80 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
#879C80 }
```

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

```
.border{ border-color:#879C80 }
```

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

Here you see how a box with a 4 pixel #879C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879C80; -webkit-box-shadow:4px 4px  
4px 4px #879C80; box-shadow:4px 4px 4px  
4px #879C80 }
```

# Background

The CSS property to change the background color of an element to Hex 879C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879C80 }
```

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

```
.background{ background-color:#879C80 }
```

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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