

# Converting Colors

Hex(879E90)

Have a look what the booklet for  
Hex(879E90) contains.

<b>Hex(879E90)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(879E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	879E90
RGB	135, 158, 144
RGB Percent	53%, 62%, 56%
CMY	0.4706, 0.3804, 0.4353
CMYK	0.15, 0.00, 0.09, 0.38
HSL	143°, 11%, 57%
HSV	143°, 15%, 62%
XYZ	27.2526, 31.6182, 31.0521
YIQ	149.5270, -9.2140, -9.2300

# Conversions

## Conversions Part 2

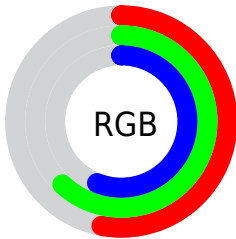
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 152, 158
Decimal	8887952
CIELab	63.03, -10.92, 4.61
CIElCh	63, 11.855, 157.138
Yxy	31.6182, 0.3031, 0.3516
Android (android.graphics.Color)	4287078032 (0xFF879E90)
YUV	149.5270, -2.7248, -12.7402
Hunter-Lab	56.2301, -11.8905, 6.6192

# Details

The Hex color **879E90** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E8795**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BCD5C6**, and **556B5E** is the 20% darker color. If you saturate the color by 10%, you get **779E86**, and if you desaturate by 10%, it is **979E9A**.

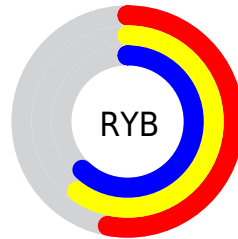
# Distribution



Red (53%)

Green (62%)

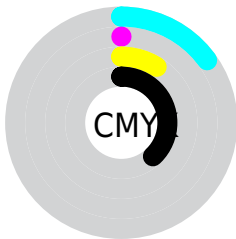
Blue (56%)



Red (53%)

Yellow (60%)

Blue (62%)

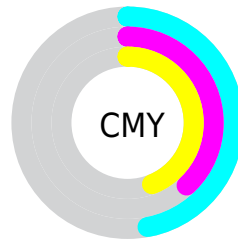


Cyan (15%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879E90 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 879E90 by changing the saturation by 10% instead.



879E90

879E90

FFFFFF

6E8476

BCD5C6

556B5E

D8F1E2

3E5246

F5FFFE

273B30

12261B

001100

000000

879E90

879E90

779E86

979E9A

679E7D

A79EA3

589E73

B69EAD

489E6A

C69EB6

389E60

D69EC0

289E56

E69ECA

189E4D

F69ED3

099E43

FF9EDD

009E3E

FF9EE7

# Harmonies

## Analogous

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



929C88



879E90



7F9F9B

# Triad

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



879E90



9099AD



AE928C

# Complementary

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



879E90



9E8795

# 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.



AF9196



879E90



9E95A9

# Square

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



879E90



849CAC



A992A1



A99585

# Rectangle

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



879E90



7E9EA2



A992A1



AF928F



# Sweetspot

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



879E90



C6CFCA



959E87



636965



E8E8E8



696969



# Same Dimension

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



879E90



ABCFB9



879E9B



474F4A



008F38



000F06



# Inverse Universe

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



9E8795



CFABC1



9E878A



4F474C



8F0057



0F0009



# Previews

## White Background



This preview shows how the Hex color 879E90 looks on a white background.

## Color Contrast Check

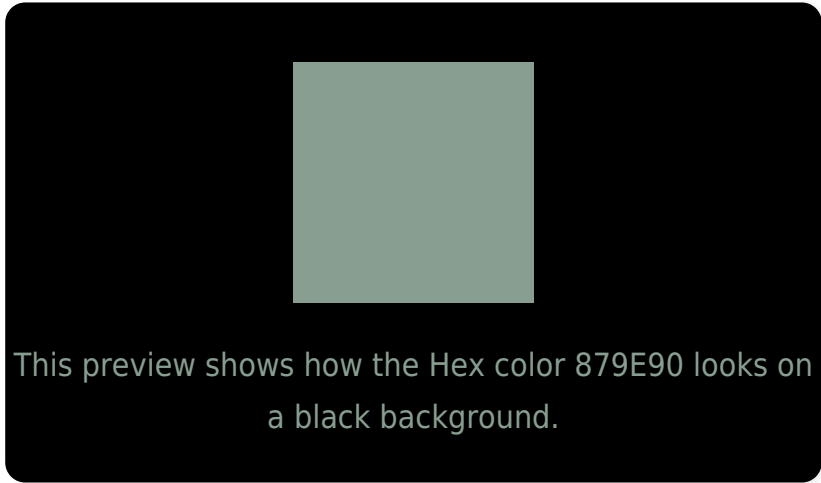
Large Text (above 18pt) WCAG AA × Fail

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

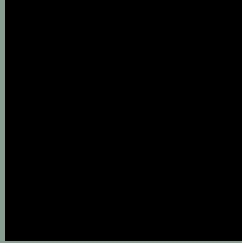
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

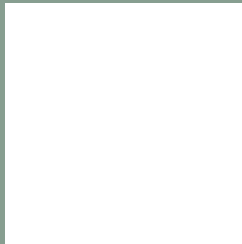
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 879E90 Background



This preview shows how black text looks on a background with the Hex color 879E90.

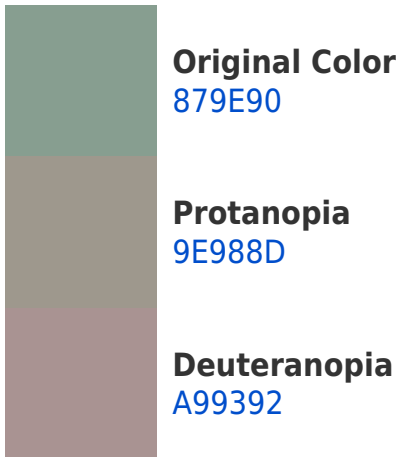


This preview shows how white text looks on a background with the Hex color 879E90.

# 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



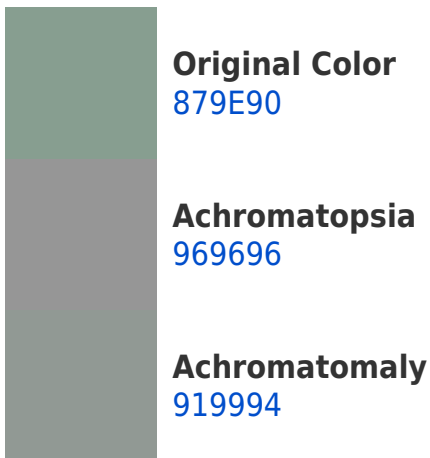


**Tritanopia**  
8B9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879E90 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 #879E90 looks like.

```
.text, #text, p{  
    color:#879E90  
}
```

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 #879E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879E90
}
```

## Border

The CSS property to change the border of an element to Hex 879E90 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
#879E90 }
```

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

```
.border{ border-color:#879E90 }
```

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

Here you see how a box with a 4 pixel #879E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879E90; -webkit-box-shadow:4px 4px  
4px 4px #879E90; box-shadow:4px 4px 4px  
4px #879E90 }
```

# Background

The CSS property to change the background color of an element to Hex 879E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879E90 }
```

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

```
.background{ background-color:#879E90 }
```

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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