

# Converting Colors

Hex(879C72)

Have a look what the booklet for  
Hex(879C72) contains.

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# **Color**

**Hex(879C72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879C72
RGB	135, 156, 114
RGB Percent	53%, 61%, 45%
CMY	0.4706, 0.3882, 0.5529
CMYK	0.13, 0.00, 0.27, 0.39
HSL	90°, 18%, 53%
HSV	90°, 27%, 61%
XYZ	24.9174, 30.1427, 20.4244
YIQ	144.9330, 0.9660, -17.5140

# Conversions

## Conversions Part 2

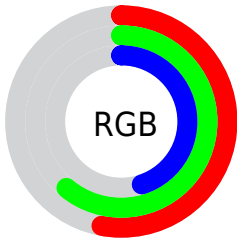
Format	Color
<a href="#">RYB</a>	<a href="#">114, 156, 135</a>
Decimal	<a href="#">8887410</a>
CIELab	<a href="#">61.78, -15.24, 19.61</a>
CIELCh	<a href="#">62, 24.836, 127.853</a>
Yxy	<a href="#">30.1427, 0.3301, 0.3993</a>
Android (android.graphics.Color)	<a href="#">4287077490 (0xFF879C72)</a>
YUV	<a href="#">144.9330, -15.2500, -8.7112</a>
Hunter-Lab	<a href="#">54.9024, -15.0671, 16.3750</a>

# Details

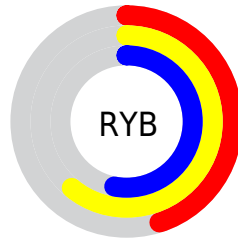
The Hex color **879C72** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **87729C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BDD3A6**, and **556942** is the 20% darker color. If you saturate the color by 10%, you get **7F9C62**, and if you desaturate by 10%, it is **8F9C82**.

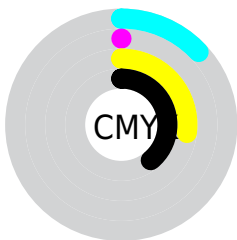
# Distribution



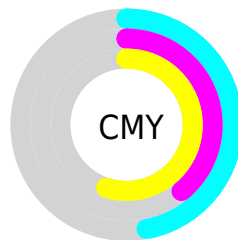
- Red (53%)
- Green (61%)
- Blue (45%)



- Red (45%)
- Yellow (61%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879C72 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 879C72 by changing the saturation by 10% instead.





879C72



879C72

FFFFFF



6D8259



BDD3A6



556942



D9EFC1



3D512B



F5FFDD



263A16



FFFFFFA



142400



000C00



000000



879C72



879C72




7F9C62



8F9C82

 779C53

 979C91

 709C43

 9E9CA1

 689C34

 A69CB0

 609C24

 AE9CC0

 589C14

 B69CD0

 509C05

 BE9CDF

 4E9C00

 C59CEF

 CD9CFE

# Harmonies

## Analogous

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



9F966A



879C72



6EA084

# Triad

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



879C72



649CBD



C18590

# Complementary

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



879C72



87729C

# 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.



B687A6



879C72



8295C0

# Square

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



879C72



53A0AF



A08EB8



BF887B

# Rectangle

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



879C72



5FA193



A08EB8



BF8598



# Sweetspot

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



879C72



C4CCBC



9C8772



61665C



E6E6E6



666666



# Same Dimension

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



879C72



ABCC8B



729C72



4B4F47



478F00



080F00



# Inverse Universe

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



87729C



AB8BCC



9C729C



4B474F



47008F

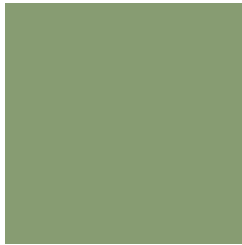


08000F



# Previews

## White Background



This preview shows how the Hex color 879C72 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

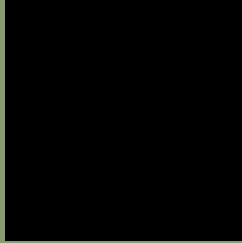
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 879C72 Background



This preview shows how black text looks on a background with the Hex color 879C72.



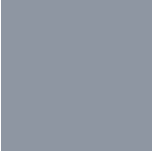
This preview shows how white text looks on a background with the Hex color 879C72.

# 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



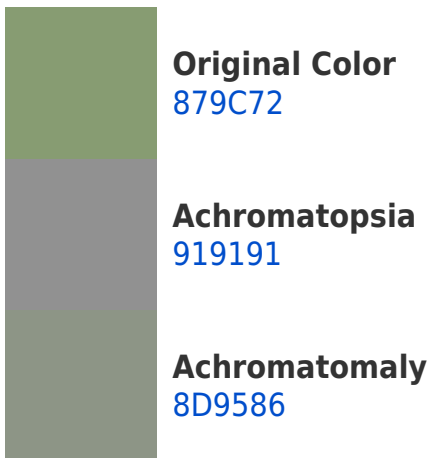


**Tritanopia**  
8E96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879C72 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 #879C72 looks like.

```
.text, #text, p{  
    color:#879C72  
}
```

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 #879C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879C72
}
```

## Border

The CSS property to change the border of an element to Hex 879C72 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
#879C72 }
```

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

```
.border{ border-color:#879C72 }
```

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

Here you see how a box with a 4 pixel #879C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879C72; -webkit-box-shadow:4px 4px  
4px 4px #879C72; box-shadow:4px 4px 4px  
4px #879C72 }
```

# Background

The CSS property to change the background color of an element to Hex 879C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879C72 }
```

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

```
.background{ background-color:#879C72 }
```

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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