

# Converting Colors

Hex(879E5F)

Have a look what the booklet for  
Hex(879E5F) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(879E5F)</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(879E5F)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 879E5F                     |
| RGB           | 135, 158, 95               |
| RGB Percent   | 53%, 62%, 37%              |
| CMY           | 0.4706, 0.3804, 0.6275     |
| CMYK          | 0.15, 0.00, 0.40, 0.38     |
| HSL           | 82°, 25%, 50%              |
| HSV           | 82°, 40%, 62%              |
| XYZ           | 24.2841, 30.4308, 15.4203  |
| YIQ           | 143.9410, 6.5150, -24.4690 |

# Conversions

## Conversions Part 2

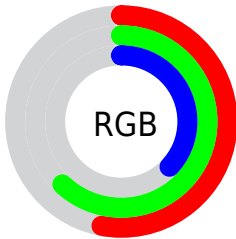
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 95, 158, 118                   |
| Decimal                             | 8887903                        |
| CIELab                              | 62.02, -19.04, 30.27           |
| CIElCh                              | 62, 35.764, 122.165            |
| Yxy                                 | 30.4308, 0.3462,<br>0.4339     |
| Android<br>(android.graphics.Color) | 4287077983<br>(0xFF879E5F)     |
| YUV                                 | 143.9410, -24.1279,<br>-7.8413 |
| Hunter-Lab                          | 55.1642, -17.9589,<br>22.0413  |

# Details

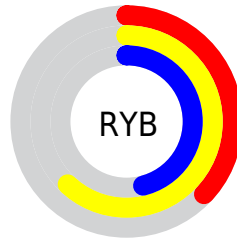
The Hex color **879E5F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **765F9E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BDD592**, and **546B2F** is the 20% darker color. If you saturate the color by 10%, you get **819E4F**, and if you desaturate by 10%, it is **8D9E6F**.

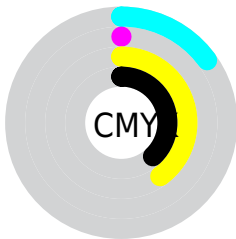
# Distribution



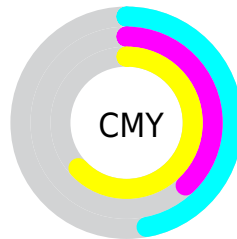
- Red (53%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 879E5F 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 879E5F by changing the saturation by 10% instead.





879E5F



879E5F

FFFFFF



6D8447



BDD592



546B2F



D9F1AD



3C5218



F6FFC9



253B00



FFFFE5



0E2500



000D00



000000



879E5F



879E5F



819E4F




8D9E6F

 7B9E3F

 939E7F

 769E30

 989E8E

 709E20

 9E9E9E

 6A9E10

 A49EAE

 649E00

 AA9EBE

 AF9ECE

 B59EDD

 BB9EED

# Harmonies

## Analogous

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



A89556



879E5F



60A477

# Triad

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



879E5F



2CA1CD



D17D95

# Complementary

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



879E5F



765F9E

# 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.



C082B4



879E5F



6B98D5

# Square

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



879E5F



00A6B7



9C8DCC



D28076

# Rectangle

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



879E5F



43A68C



9C8DCC



CE7EA0



# Sweetspot

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



879E5F



C6CFB6



9E755F



63695A



E8E8E8



696969



# Same Dimension

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



879E5F



AACF6B



689E5F



4C4F47



5B8F00



0A0F00



# Inverse Universe

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



765F9E



906BCF



955F9E



4A474F



34008F



06000F



# Previews

## White Background



This preview shows how the Hex color 879E5F looks on a white background.

## Color Contrast Check

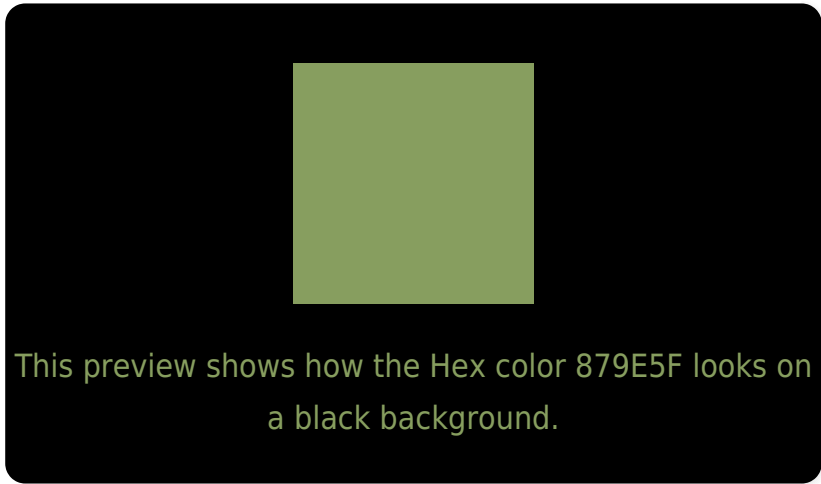
Large Text (above 18pt) WCAG AA × Fail

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

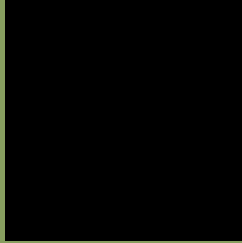
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 879E5F Background



This preview shows how black text looks on a background with the Hex color 879E5F.



This preview shows how white text looks on a background with the Hex color 879E5F.

# 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](#).

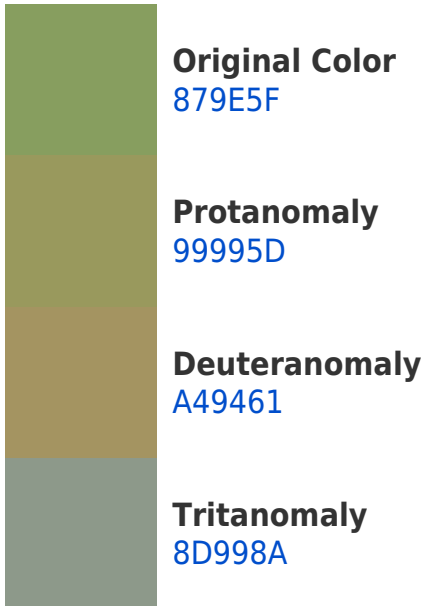
## Dichromacy





**Tritanopia**  
9096A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 879E5F 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 #879E5F looks like.

```
.text, #text, p{  
    color:#879E5F  
}
```

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 #879E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #879E5F
}
```

## Border

The CSS property to change the border of an element to Hex 879E5F 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
#879E5F }
```

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

```
.border{ border-color:#879E5F }
```

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

Here you see how a box with a 4 pixel #879E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #879E5F; -webkit-box-shadow:4px 4px  
4px 4px #879E5F; box-shadow:4px 4px 4px  
4px #879E5F }
```

# Background

The CSS property to change the background color of an element to Hex 879E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#879E5F }
```

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

```
.background{ background-color:#879E5F }
```

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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