

# Converting Colors

Hex(869E72)

Have a look what the booklet for  
Hex(869E72) contains.

<b>Hex(869E72)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(869E72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	869E72
RGB	134, 158, 114
RGB Percent	53%, 62%, 45%
CMY	0.4745, 0.3804, 0.5529
CMYK	0.15, 0.00, 0.28, 0.38
HSL	93°, 18%, 53%
HSV	93°, 28%, 62%
XYZ	25.0956, 30.7370, 20.5297
YIQ	145.8080, -0.1800, -18.7720

# Conversions

## Conversions Part 2

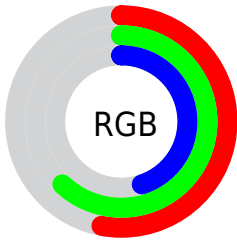
Format	Color
<a href="#">RYB</a>	<a href="#">114, 158, 138</a>
Decimal	<a href="#">8822386</a>
CIELab	<a href="#">62.28, -16.67, 20.29</a>
CIELCh	<a href="#">62, 26.258, 129.403</a>
Yxy	<a href="#">30.7370, 0.3286, 0.4025</a>
Android (android.graphics.Color)	<a href="#">4287012466 (0xFF869E72)</a>
YUV	<a href="#">145.8080, -15.6813, -10.3556</a>
Hunter-Lab	<a href="#">55.4409, -16.2226, 16.8536</a>

# Details

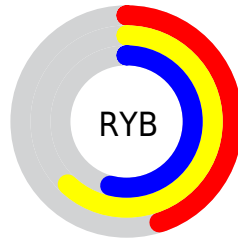
The Hex color **869E72** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8A729E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BCD5A6**, and **546B42** is the 20% darker color. If you saturate the color by 10%, you get **7D9E62**, and if you desaturate by 10%, it is **8F9E82**.

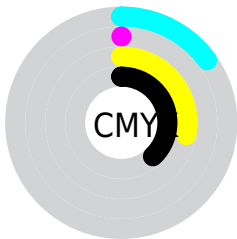
# Distribution



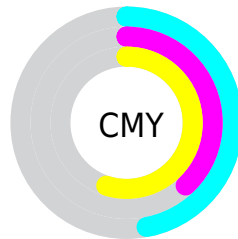
- Red (53%)
- Green (62%)
- Blue (45%)



- Red (45%)
- Yellow (62%)
- Blue (54%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (38%)



- Cyan (47%)
- Magenta (38%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 869E72 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 869E72 by changing the saturation by 10% instead.





869E72



869E72

FFFFFF



6C8459



BCD5A6



546B42



D8F1C1



3C522B



F4FFDD



253B16



FFFFAA



122500



000F00



000000



869E72



869E72



7D9E62



8F9E82

759E52

979E92

6C9E43

A09EA1

649E33

A89EB1

5B9E23

B19EC1

529E13

BA9ED1

4A9E03

C29EE1

489E00

CB9EF0

D49EFF

# Harmonies

## Analogous

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



A09768



869E72



6BA285

# Triad

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



869E72



629DC2



C58590

# Complementary

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



869E72



8A729E

# 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.



BA87A7



869E72



8396C4

# Square

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



869E72



4EA2B3



A38EBB



C3897A

# Rectangle

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



869E72



5BA395



A38EBB



C38598



# Sweetspot

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



869E72



C6CFBE



9E8972



63695E



E8E8E8



696969



# Same Dimension

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



869E72



A9CF8A



729E73



4B4F47



418F00



070F00



# Inverse Universe

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



8A729E



B08ACF



9E729D



4B474F



4E008F

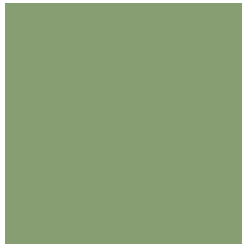


08000F



# Previews

## White Background



This preview shows how the Hex color 869E72 looks on a white background.

## Color Contrast Check

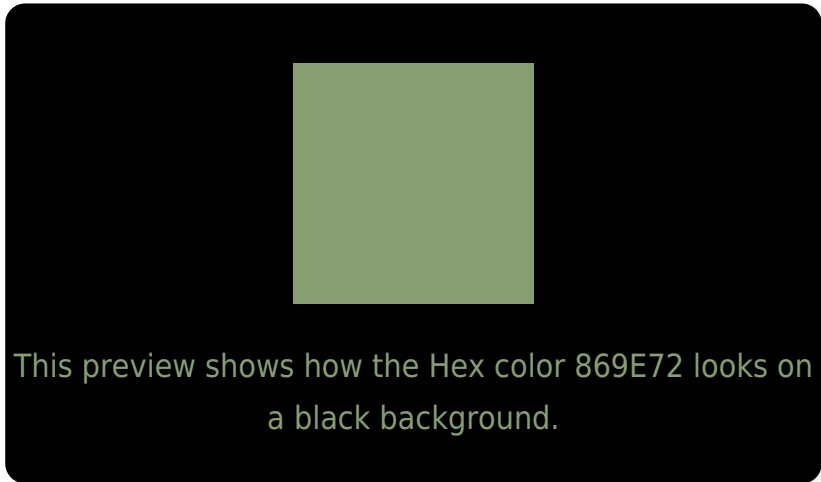
Large Text (above 18pt) WCAG AA × Fail

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

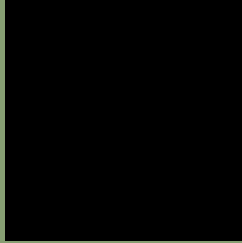
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 869E72 Background



This preview shows how black text looks on a background with the Hex color 869E72.



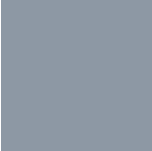
This preview shows how white text looks on a background with the Hex color 869E72.

# 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](#).

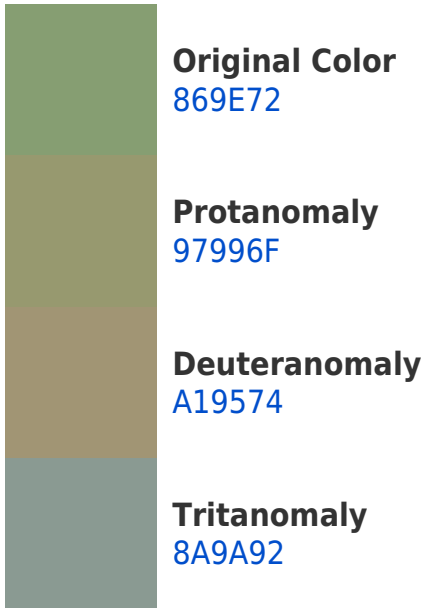
## Dichromacy



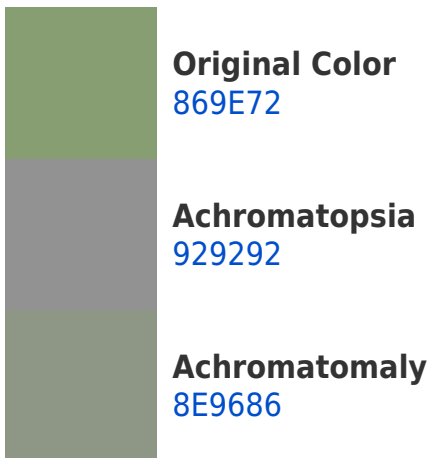


**Tritanopia**  
8D98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 869E72 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 #869E72 looks like.

```
.text, #text, p{  
    color:#869E72  
}
```

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 #869E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869E72
}
```

## Border

The CSS property to change the border of an element to Hex 869E72 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
#869E72 }
```

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

```
.border{ border-color:#869E72 }
```

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

Here you see how a box with a 4 pixel #869E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869E72; -webkit-box-shadow:4px 4px  
4px 4px #869E72; box-shadow:4px 4px 4px  
4px #869E72 }
```

# Background

The CSS property to change the background color of an element to Hex 869E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869E72 }
```

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

```
.background{ background-color:#869E72 }
```

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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