

# Converting Colors

Hex(839880)

Have a look what the booklet for  
Hex(839880) contains.

<b>Hex(839880)</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(839880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	839880
RGB	131, 152, 128
RGB Percent	51%, 60%, 50%
CMY	0.4863, 0.4039, 0.4980
CMYK	0.14, 0.00, 0.16, 0.40
HSL	113°, 10%, 55%
HSV	113°, 16%, 60%
XYZ	24.4846, 28.8403, 24.6983
YIQ	142.9850, -4.8120, -11.9160

# Conversions

## Conversions Part 2

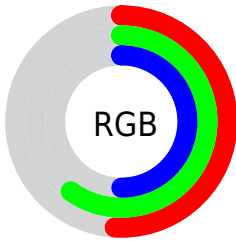
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 152, 149
Decimal	8624256
CIE <sub>Lab</sub>	60.64, -12.20, 10.17
CIE <sub>LCh</sub>	61, 15.883, 140.209
Yxy	28.8403, 0.3138, 0.3696
Android (android.graphics.Color)	4286814336 (0xFF839880)
YUV	142.9850, -7.3876, -10.5108
Hunter-Lab	53.7031, -12.5979, 10.3245

# Details

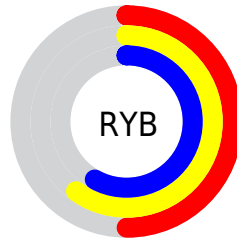
The Hex color **839880** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **958098**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B8CEB5**, and **51654F** is the 20% darker color. If you saturate the color by 10%, you get **769871**, and if you desaturate by 10%, it is **90988F**.

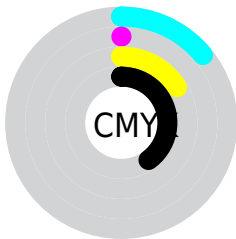
# Distribution



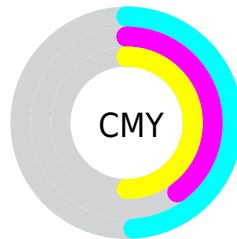
- Red (51%)
- Green (60%)
- Blue (50%)



- Red (50%)
- Yellow (60%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 839880 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 839880 by changing the saturation by 10% instead.



 839880

 839880

FFFFFF

 6A7E67

 B8CEB5

 51654F

 D4EBD0

 3A4D38

 F0FFED

 243622

 10210D

 000400

 000000

 839880

 839880

 769871

 90988F

689862

9E989E

5B9852

AB98AE

4E9843

B898BD

409834

C698CC

339825

D398DB

269816

E098EA

199806

ED98FA

139800

FB98FF

# Harmonies

## Analogous

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



939478



839880



759A8D

# Triad

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



839880



7D95AD



B08989

# Complementary

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



839880



958098

# 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.



AC8997



839880



8F90AC

# Square

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



839880



7098A7



A08CA4



AC8B7D

# Rectangle

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



839880



6F9A97



A08CA4



AF888E



# Sweetspot

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



839880



BCC4BB



989580



5E635D



E3E3E3



636363



# Same Dimension

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



839880



A4C49F



809889



464D45



128C00



020D00



# Inverse Universe

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



958098



C09FC4



98808F



4C454D



7B008C

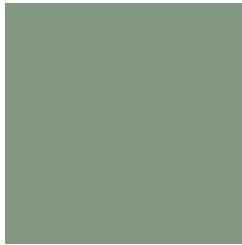


0B000D



# Previews

## White Background



This preview shows how the Hex color 839880 looks on a white background.

## Color Contrast Check

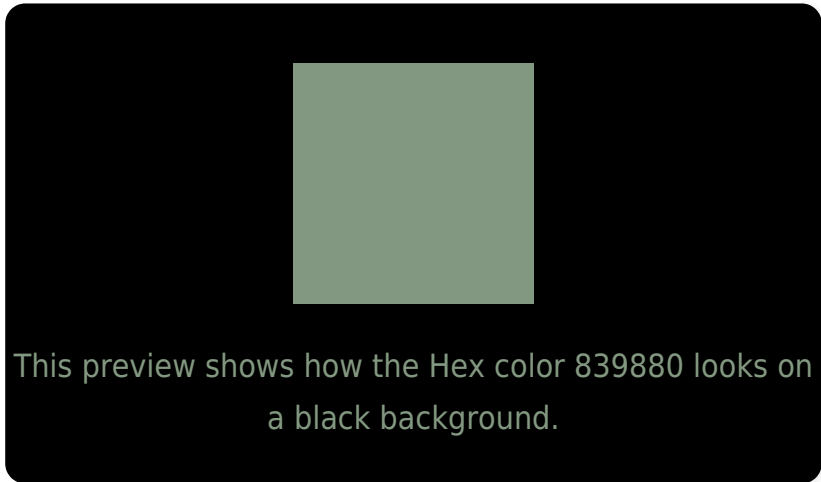
Large Text (above 18pt) WCAG AA ✓ Pass

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

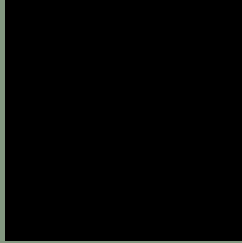
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 839880 Background



This preview shows how black text looks on a background with the Hex color 839880.

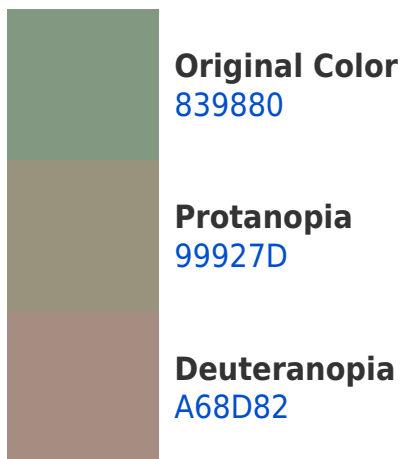


This preview shows how white text looks on a background with the Hex color 839880.

# 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**  
88949F

# Trichromacy



**Original Color**  
839880

**Protanomaly**  
91947E

**Deuteranomaly**  
999181

**Tritanomaly**  
869594

# Monochromacy



**Original Color**  
839880

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8B928A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 839880 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 #839880 looks like.

```
.text, #text, p{  
    color:#839880  
}
```

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 #839880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839880
}
```

## Border

The CSS property to change the border of an element to Hex 839880 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
#839880 }
```

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

```
.border{ border-color:#839880 }
```

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

Here you see how a box with a 4 pixel #839880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839880; -webkit-box-shadow:4px 4px  
4px 4px #839880; box-shadow:4px 4px 4px  
4px #839880 }
```

# Background

The CSS property to change the background color of an element to Hex 839880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839880 }
```

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

```
.background{ background-color:#839880 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor