

# Converting Colors

Hex(839F81)

Have a look what the booklet for  
Hex(839F81) contains.

<b>Hex(839F81)</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(839F81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	839F81
RGB	131, 159, 129
RGB Percent	51%, 62%, 51%
CMY	0.4863, 0.3765, 0.4941
CMYK	0.18, 0.00, 0.19, 0.38
HSL	116°, 14%, 56%
HSV	116°, 19%, 62%
XYZ	25.7207, 31.2065, 25.4367
YIQ	147.2080, -7.0580, -15.2660

# Conversions

## Conversions Part 2

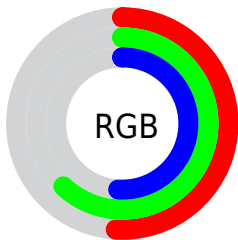
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 159, 157
Decimal	8626049
CIELab	62.68, -15.74, 12.48
CIELCh	63, 20.085, 141.582
Yxy	31.2065, 0.3123, 0.3789
Android (android.graphics.Color)	4286816129 (0xFF839F81)
YUV	147.2080, -8.9765, -14.2144
Hunter-Lab	55.8628, -15.5740, 12.1067

# Details

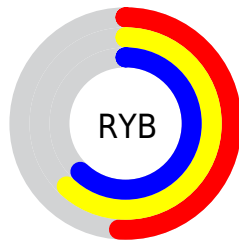
The Hex color **839F81** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D819F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B8D6B6**, and **516B50** is the 20% darker color. If you saturate the color by 10%, you get **749F71**, and if you desaturate by 10%, it is **929F91**.

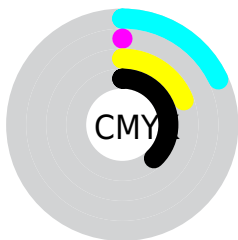
# Distribution



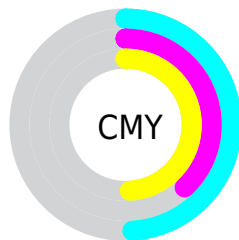
- Red (51%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 839F81 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 839F81 by changing the saturation by 10% instead.



839F81

839F81

FFFFFF

6A8568

B8D6B6

516B50

D4F2D2

3A5339

F1FFEE

233C23

0E260E

001100

000000

839F81

839F81

749F71

929F91

 659F61

 A19FA1

 569F51

 B09FB1

 489F41

 BE9FC1

 399F31

 CD9FD1

 2A9F22


 DC9FE0

 1B9F12

 EB9FF0

 0C9F02

 FA9FFF

 0B9F00

 FF9FFF

# Harmonies

## Analogous

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



979A76



839F81



71A192

# Triad

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



839F81



7C9BBA



BD8B8B

# Complementary

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



839F81



9D819F

# 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.



B88B9D



839F81



9495B9

# Square

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



839F81



6A9FB3



AA8FAE



B78F7C

# Rectangle

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



839F81



68A29E



AA8FAE



BC8B91



# Sweetspot

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



839F81



C3CFC2



9F9D81



626961



E8E8E8



696969



# Same Dimension

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



839F81



A2CF9F



819F8E



484F47



0A8F00



010F00



# Inverse Universe

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



9D819F



CB9FCF



9F8192



4F474F



85008F

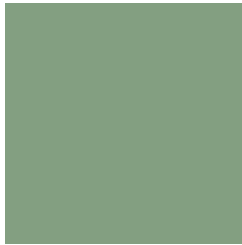


0E000F



# Previews

## White Background



This preview shows how the Hex color 839F81 looks on a white background.

## Color Contrast Check

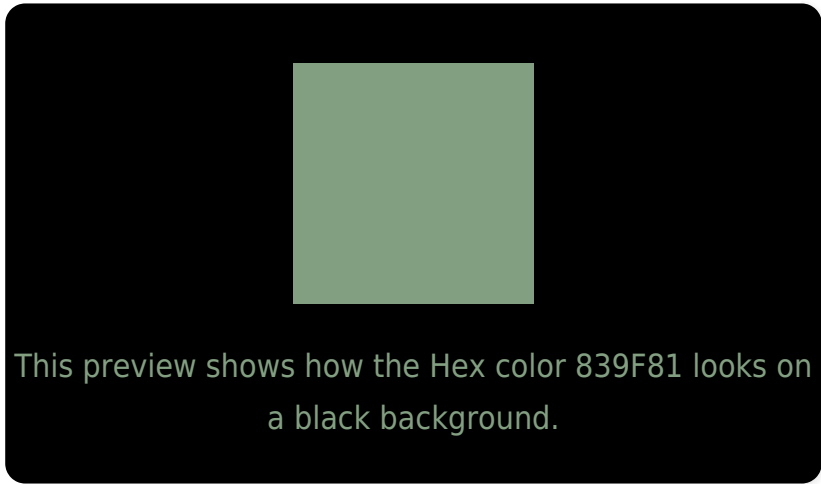
Large Text (above 18pt) WCAG AA × Fail

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

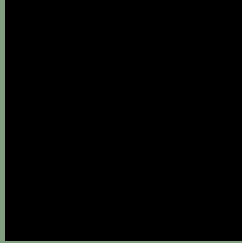
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 839F81 Background



This preview shows how black text looks on a background with the Hex color 839F81.

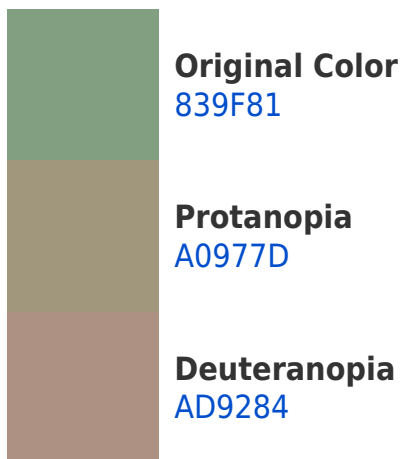


This preview shows how white text looks on a background with the Hex color 839F81.

# 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



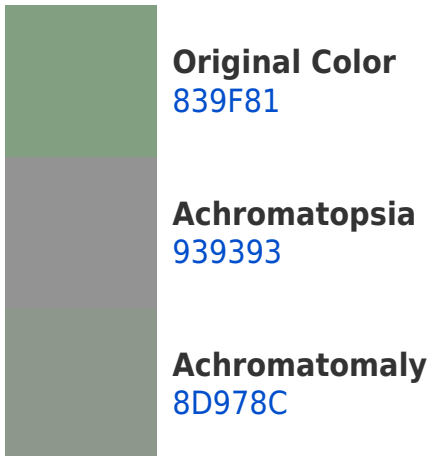


**Tritanopia**  
899AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 839F81 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 #839F81 looks like.

```
.text, #text, p{  
    color:#839F81  
}
```

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 #839F81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839F81
}
```

## Border

The CSS property to change the border of an element to Hex 839F81 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
#839F81 }
```

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

```
.border{ border-color:#839F81 }
```

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

Here you see how a box with a 4 pixel #839F81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839F81; -webkit-box-shadow:4px 4px  
4px 4px #839F81; box-shadow:4px 4px 4px  
4px #839F81 }
```

# Background

The CSS property to change the background color of an element to Hex 839F81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839F81 }
```

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

```
.background{ background-color:#839F81 }
```

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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