

# Converting Colors

Hex(839078)

Have a look what the booklet for  
Hex(839078) contains.

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**Color**

**Hex(839078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	839078
RGB	131, 144, 120
RGB Percent	51%, 56%, 47%
CMY	0.4863, 0.4353, 0.5294
CMYK	0.09, 0.00, 0.17, 0.44
HSL	93°, 10%, 52%
HSV	93°, 17%, 56%
XYZ	22.7235, 26.1279, 21.6148
YIQ	137.3770, -0.0440, -10.2200

# Conversions

## Conversions Part 2

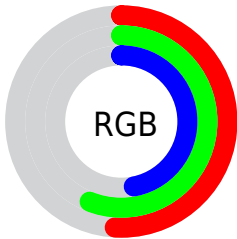
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 144, 133
Decimal	8622200
CIELab	58.16, -9.32, 11.19
CIElCh	58, 14.564, 129.804
Yxy	26.1279, 0.3225, 0.3708
Android (android.graphics.Color)	4286812280 (0xFF839078)
YUV	137.3770, -8.5669, -5.5926
Hunter-Lab	51.1154, -10.0994, 10.7093

# Details

The Hex color **839078** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **857890**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B8C6AC**, and **515E47** is the 20% darker color. If you saturate the color by 10%, you get **7B906A**, and if you desaturate by 10%, it is **8B9086**.

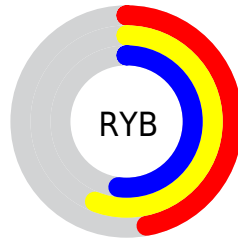
# Distribution



Red (51%)

Green (56%)

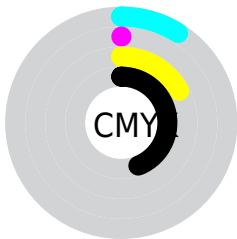
Blue (47%)



Red (47%)

Yellow (56%)

Blue (52%)

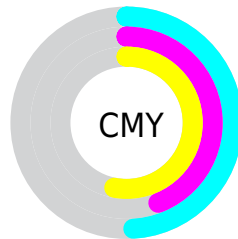


Cyan (9%)

Magenta (0%)

Yellow (17%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 839078 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 839078 by changing the saturation by 10% instead.



 839078

 839078

FFFFFF

 6A765F

 B8C6AC

 515E47

 D4E2C8

 3A4631

 F0FEE4

 24301C

 111B02

 000000

 839078

 839078

 7B906A

 8B9086

 73905B

 939095

6C904D

9A90A3

64903E

A290B2

5C9030

AA90C0

549022

B290CE

4C9013

BA90DD

459005

C190EB

429000

C990FA

# Harmonies

## Analogous

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



928C73



839078



759283

# Triad

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



839078



748FA3



A68388

# Complementary

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



839078



857890

# 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.



A08495



839078



838BA5

# Square

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



839078



6B929C



93879F



A5857C

# Rectangle

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



839078



6E938B



93879F



A5838C



# Sweetspot

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



839078



B5BAB1



908578



5B5E59



DEDEDE



5E5E5E



# Same Dimension

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



839078



A6BA95



789079



444740



3E8700



040800



# Inverse Universe

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



857890



A995BA



90788F



444047



490087

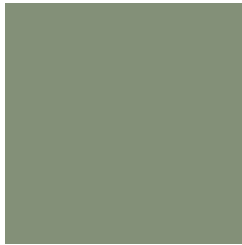


040008



# Previews

## White Background



This preview shows how the Hex color 839078 looks on a white background.

## Color Contrast Check

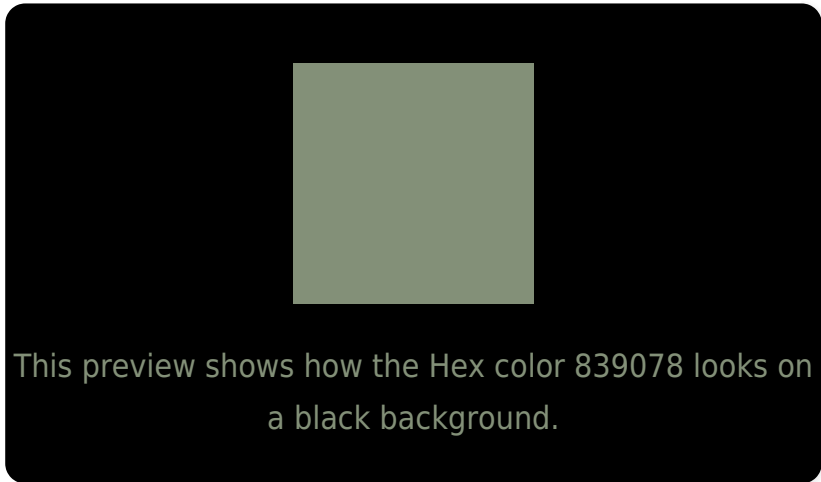
Large Text (above 18pt) WCAG AA ✓ Pass

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

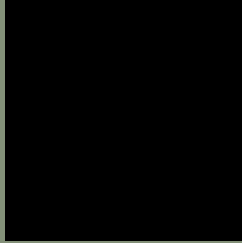
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

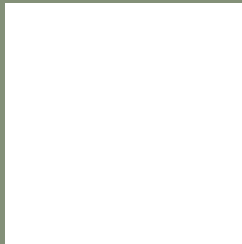
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 839078 Background



This preview shows how black text looks on a background with the Hex color 839078.

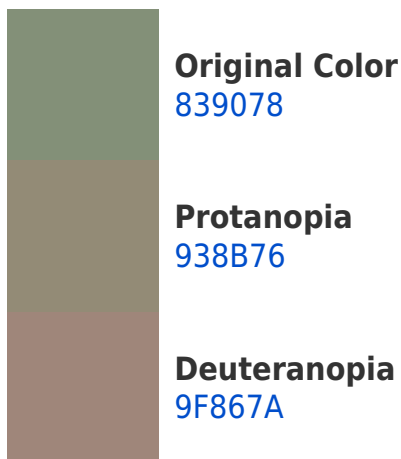


This preview shows how white text looks on a background with the Hex color 839078.

# 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**  
888C97

# Trichromacy



**Original Color**  
839078

**Protanomaly**  
8D8D77

**Deuteranomaly**  
958A79

**Tritanomaly**  
868D8C

# Monochromacy



**Original Color**  
839078

**Achromatopsia**  
898989

**Achromatomaly**  
878C83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 839078 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 #839078 looks like.

```
.text, #text, p{  
    color:#839078  
}
```

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 #839078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839078
}
```

## Border

The CSS property to change the border of an element to Hex 839078 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
#839078 }
```

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

```
.border{ border-color:#839078 }
```

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

Here you see how a box with a 4 pixel #839078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839078; -webkit-box-shadow:4px 4px  
4px 4px #839078; box-shadow:4px 4px 4px  
4px #839078 }
```

# Background

The CSS property to change the background color of an element to Hex 839078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839078 }
```

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

```
.background{ background-color:#839078 }
```

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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