

Converting Colors

Hex(839C75)

Have a look what the booklet for
Hex(839C75) contains.

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Color

Hex(839C75)

Conversions

Conversions Part 1

Format	Color
Hex	839C75
RGB	131, 156, 117
RGB Percent	51%, 61%, 46%
CMY	0.4863, 0.3882, 0.5412
CMYK	0.16, 0.00, 0.25, 0.39
HSL	98°, 16%, 54%
HSV	98°, 25%, 61%
XYZ	24.4594, 29.8866, 21.3092
YIQ	144.0790, -2.3810, -17.4290

Conversions

Conversions Part 2

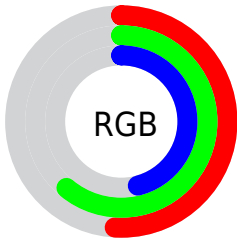
Format	Color
RYB	117, 156, 142
Decimal	8625269
CIELab	61.56, -16.26, 17.60
CIELCh	62, 23.962, 132.735
Yxy	29.8866, 0.3233, 0.3950
Android (android.graphics.Color)	4286815349 (0xFF839C75)
YUV	144.0790, -13.3499, -11.4703
Hunter-Lab	54.6686, -15.8070, 15.1575

Details

The Hex color **839C75** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8E759C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B8D3A9**, and **516944** is the 20% darker color. If you saturate the color by 10%, you get **799C65**, and if you desaturate by 10%, it is **8D9C85**.

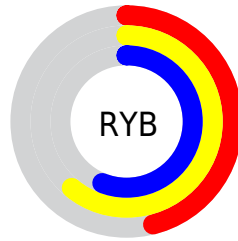
Distribution



Red (51%)

Green (61%)

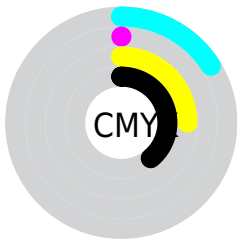
Blue (46%)



Red (46%)

Yellow (61%)

Blue (56%)

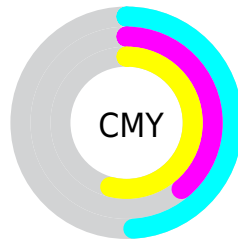


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (39%)



Cyan (49%)

Magenta (39%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839C75 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 839C75 by changing the saturation by 10% instead.



839C75



839C75

FFFFFF



6A825C



B8D3A9



516944



D4EFC5



39502E



F1FFE1



233919

FFFFFFD



102400



000B00



000000



839C75



839C75



799C65



8D9C85

6F9C56

979C94

659C46

A19CA4

5B9C37

AB9CB3

519C27

B59CC3

479C17

BF9CD3

3D9C08

C99CE2

389C00

D39CF2

DD9CFF

Harmonies

Analogous

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



9B966B



839C75



6BA087

Triad

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



839C75



6A9ABD



C0858C

Complementary

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



839C75



8E759C

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.



B787A2



839C75



8794BE

Square

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



839C75



579FB1



A38CB4



BC8979

Rectangle

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



839C75



5EA196



A38CB4



BE8593

Sweetspot

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



839C75



C2CCBC



9C8E75



5F665C



E6E6E6



666666

Same Dimension

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



839C75



A5CC8F



759C7A



4A4F47



338F00



050F00

Inverse Universe

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



8E759C



B68FCC



9C7597



4C474F



5C008F



0A000F

Previews

White Background



This preview shows how the Hex color 839C75 looks on a white background.

Color Contrast Check

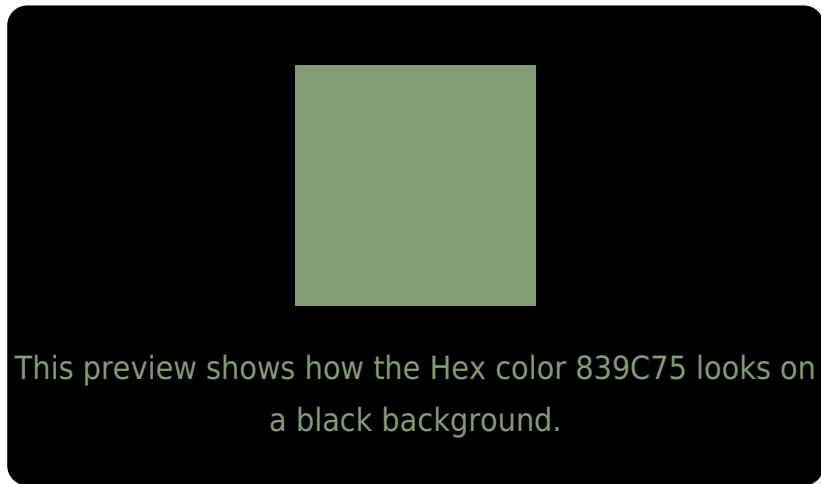
Large Text (above 18pt) WCAG AA ✓ Pass

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

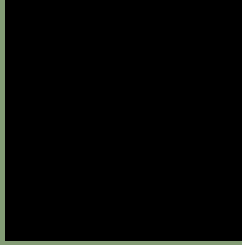
Any Text WCAG AA ✓ Pass

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 839C75 Background



This preview shows how black text looks on a background with the Hex color 839C75.

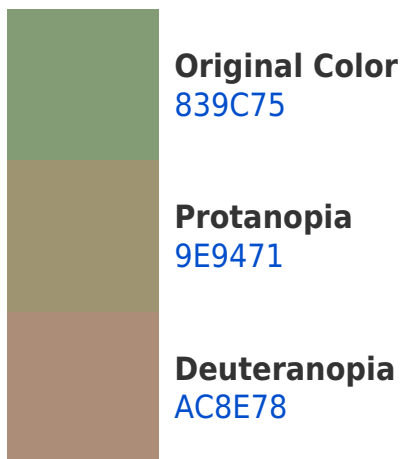


This preview shows how white text looks on a background with the Hex color 839C75.

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](#).

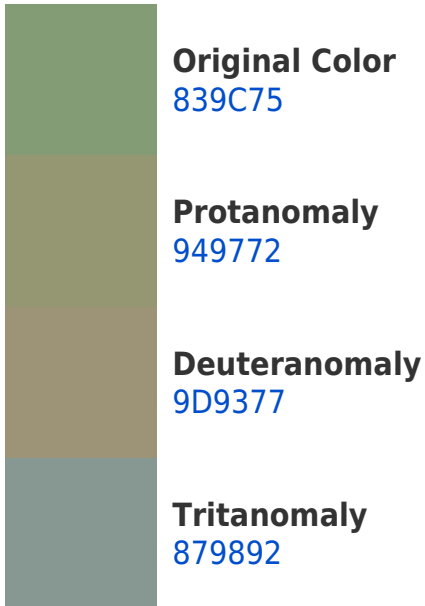
Dichromacy



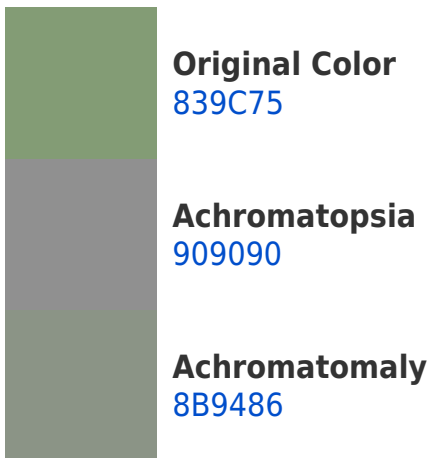


Tritanopia
8A96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839C75 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 #839C75 looks like.

```
.text, #text, p{  
    color:#839C75  
}
```

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 #839C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839C75
}
```

Border

The CSS property to change the border of an element to Hex 839C75 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
#839C75 }
```

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

```
.border{ border-color:#839C75 }
```

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

Here you see how a box with a 4 pixel #839C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839C75; -webkit-box-shadow:4px 4px  
4px 4px #839C75; box-shadow:4px 4px 4px  
4px #839C75 }
```

Background

The CSS property to change the background color of an element to Hex 839C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839C75 }
```

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

```
.background{ background-color:#839C75 }
```

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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