

Converting Colors

Hex(859E70)

Have a look what the booklet for
Hex(859E70) contains.

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Color

Hex(859E70)

Conversions

Conversions Part 1

Format	Color
Hex	859E70
RGB	133, 158, 112
RGB Percent	52%, 62%, 44%
CMY	0.4784, 0.3804, 0.5608
CMYK	0.16, 0.00, 0.29, 0.38
HSL	93°, 19%, 53%
HSV	93°, 29%, 62%
XYZ	24.8244, 30.6101, 19.9292
YIQ	145.2810, -0.1340, -19.6060

Conversions

Conversions Part 2

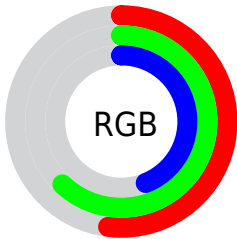
Format	Color
RYB	112, 158, 137
Decimal	8756848
CIELab	62.18, -17.36, 21.23
CIELCh	62, 27.428, 129.274
Yxy	30.6101, 0.3294, 0.4062
Android (android.graphics.Color)	4286946928 (0xFF859E70)
YUV	145.2810, -16.4075, -10.7704
Hunter-Lab	55.3264, -16.7302, 17.3716

Details

The Hex color **859E70** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **89709E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BBD5A4**, and **536B40** is the 20% darker color. If you saturate the color by 10%, you get **7C9E60**, and if you desaturate by 10%, it is **8E9E80**.

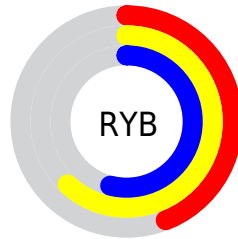
Distribution



Red (52%)

Green (62%)

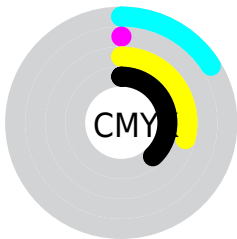
Blue (44%)



Red (44%)

Yellow (62%)

Blue (54%)

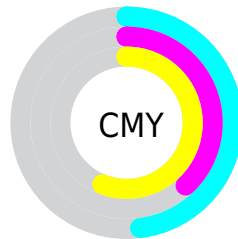


Cyan (16%)

Magenta (0%)

Yellow (29%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859E70 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 859E70 by changing the saturation by 10% instead.



859E70



859E70

FFFFFF



6B8457



BBD5A4



536B40



D7F1BF



3B5229



F3FFDB



243B14



FFFFF8



112500



000E00



000000



859E70



859E70



7C9E60



8E9E80

749E50

969E90

6B9E41

9F9E9F

639E31

A79EAF

5A9E21

B09EBF

519E11

B99ECF

499E01

C19EDF

489E00

CA9EEE

D29EFE

Harmonies

Analogous

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



A09766



859E70



69A284

Triad

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



859E70



5E9DC3



C6848F

Complementary

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



859E70



89709E

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.



BB86A8



859E70



8296C6

Square

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



859E70



49A2B4



A38DBC



C48879

Rectangle

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



859E70



57A495



A38DBC



C48498

Sweetspot

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



859E70



C4CFBC



9E8970



62695D



E8E8E8



696969

Same Dimension

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



859E70



A7CF86



709E72



4B4F47



418F00



070F00

Inverse Universe

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



89709E



AE86CF



9E709C



4B474F



4E008F



08000F

Previews

White Background



This preview shows how the Hex color 859E70 looks on a white background.

Color Contrast Check

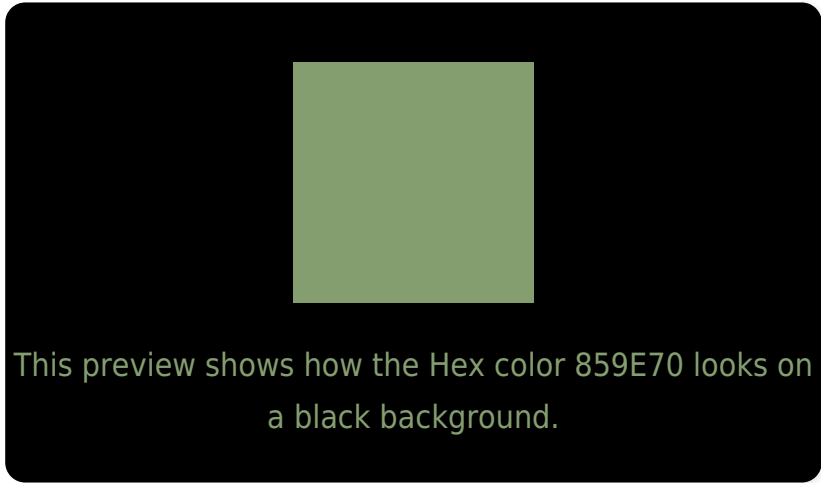
Large Text (above 18pt) WCAG AA × Fail

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

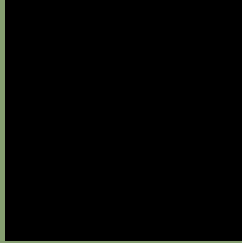
Any Text WCAG AA ✓ Pass

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 859E70 Background



This preview shows how black text looks on a background with the Hex color 859E70.



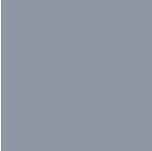
This preview shows how white text looks on a background with the Hex color 859E70.

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](#).

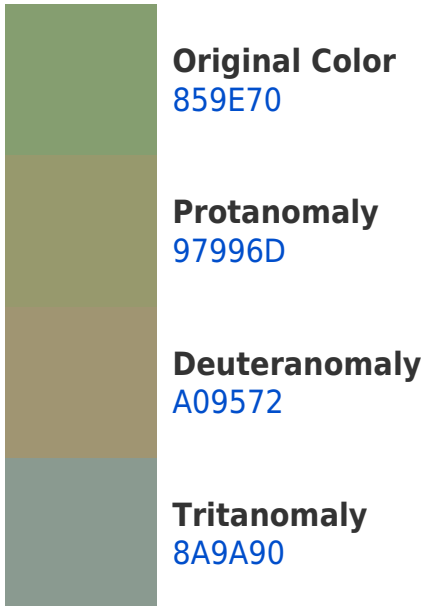
Dichromacy



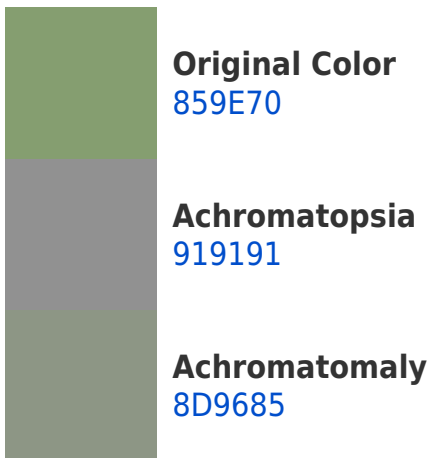


Tritanopia
8D97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859E70 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 #859E70 looks like.

```
.text, #text, p{  
    color:#859E70  
}
```

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 #859E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859E70
}
```

Border

The CSS property to change the border of an element to Hex 859E70 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
#859E70 }
```

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

```
.border{ border-color:#859E70 }
```

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

Here you see how a box with a 4 pixel #859E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859E70; -webkit-box-shadow:4px 4px  
4px 4px #859E70; box-shadow:4px 4px 4px  
4px #859E70 }
```

Background

The CSS property to change the background color of an element to Hex 859E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859E70 }
```

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

```
.background{ background-color:#859E70 }
```

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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