

# Converting Colors

Hex(859A73)

Have a look what the booklet for  
Hex(859A73) contains.

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**Color**

**Hex(859A73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	859A73
RGB	133, 154, 115
RGB Percent	52%, 60%, 45%
CMY	0.4784, 0.3961, 0.5490
CMYK	0.14, 0.00, 0.25, 0.40
HSL	92°, 16%, 53%
HSV	92°, 25%, 60%
XYZ	24.3230, 29.3356, 20.6000
YIQ	143.2750, 0.0030, -16.5810

# Conversions

## Conversions Part 2

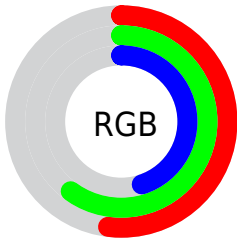
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 154, 136</a>
Decimal	<a href="#">8755827</a>
CIELab	<a href="#">61.08, -14.79, 18.08</a>
CIElCh	<a href="#">61, 23.353, 129.284</a>
Yxy	<a href="#">29.3356, 0.3275, 0.3950</a>
Android (android.graphics.Color)	<a href="#">4286945907 (0xFF859A73)</a>
YUV	<a href="#">143.2750, -13.9396, -9.0112</a>
Hunter-Lab	<a href="#">54.1623, -14.6240, 15.3633</a>

# Details

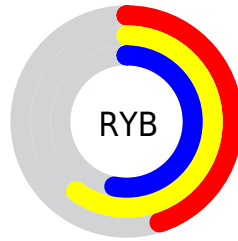
The Hex color **859A73** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **88739A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BAD0A7**, and **536743** is the 20% darker color. If you saturate the color by 10%, you get **7D9A64**, and if you desaturate by 10%, it is **8D9A82**.

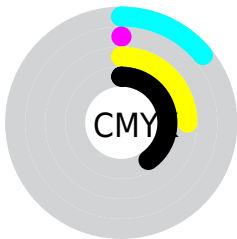
# Distribution



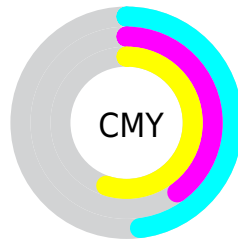
- Red (52%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (53%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859A73 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 859A73 by changing the saturation by 10% instead.





859A73



859A73

FFFFFF



6C805A



BAD0A7



536743



D6EDC2



3B4F2C



F3FFDE



253817



FFFFFFB



122200



000700



000000



859A73



859A73



7D9A64



8D9A82

749A54

969A92

6C9A45

9E9AA1

649A35

A69AB1

5C9A26

AE9AC0

539A17

B79ACF

4B9A07

BF9ADF

479A00

C79AEE

D09AFE

# Harmonies

## Analogous

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



9C946B



859A73



6E9E84

# Triad

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



859A73



6799B9



BD848E

# Complementary

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



859A73



88739A

# 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.



B386A2



859A73



8393BC

# Square

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



859A73



579EAD



9F8CB3



BB877A

# Rectangle

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



859A73



609F92



9F8CB3



BB8495



# Sweetspot

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



859A73



C1C9B9



9A8873



61665C



E6E6E6



666666



# Same Dimension

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



859A73



A9C98D



739A74



484D45



418C00



060D00



# Inverse Universe

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



88739A



AE8DC9



9A7399



49454D



4C008C

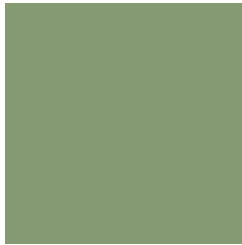


07000D



# Previews

## White Background



This preview shows how the Hex color 859A73 looks on a white background.

## Color Contrast Check

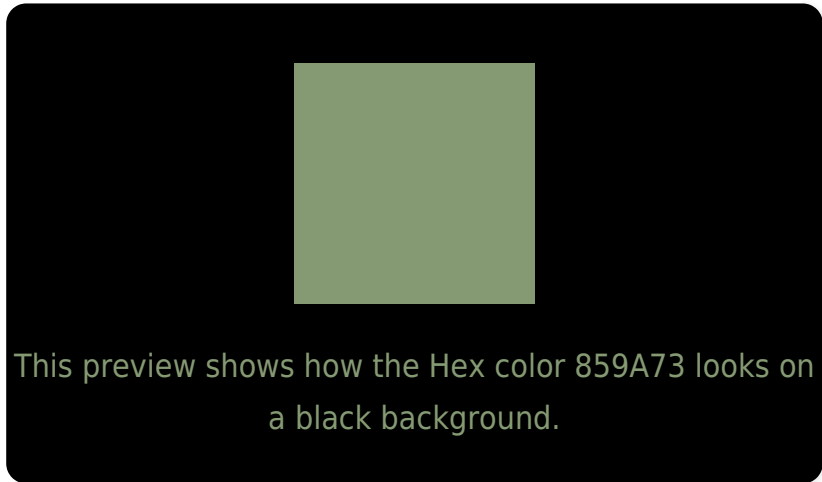
Large Text (above 18pt) WCAG AA ✓ Pass

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

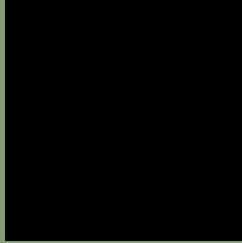
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 859A73 Background



This preview shows how black text looks on a background with the Hex color 859A73.



This preview shows how white text looks on a background with the Hex color 859A73.

# 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**  
8C94A0

# Trichromacy



**Original Color**  
859A73

**Protanomaly**  
949671

**Deuteranomaly**  
9D9275

**Tritanomaly**  
899690

# Monochromacy



**Original Color**  
859A73

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
8B9385

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859A73 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 #859A73 looks like.

```
.text, #text, p{  
    color:#859A73  
}
```

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 #859A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859A73
}
```

## Border

The CSS property to change the border of an element to Hex 859A73 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
#859A73 }
```

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

```
.border{ border-color:#859A73 }
```

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

Here you see how a box with a 4 pixel #859A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859A73; -webkit-box-shadow:4px 4px  
4px 4px #859A73; box-shadow:4px 4px 4px  
4px #859A73 }
```

# Background

The CSS property to change the background color of an element to Hex 859A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859A73 }
```

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

```
.background{ background-color:#859A73 }
```

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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