

# Converting Colors

Hex(858E74)

Have a look what the booklet for  
Hex(858E74) contains.

|                                                |    |
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**Color**

**Hex(858E74)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 858E74                    |
| RGB           | 133, 142, 116             |
| RGB Percent   | 52%, 56%, 45%             |
| CMY           | 0.4784, 0.4431, 0.5451    |
| CMYK          | 0.06, 0.00, 0.18, 0.44    |
| HSL           | 81°, 10%, 51%             |
| HSV           | 81°, 18%, 56%             |
| XYZ           | 22.4983, 25.5935, 20.2773 |
| YIQ           | 136.3450, 2.9820, -9.9940 |

# Conversions

## Conversions Part 2

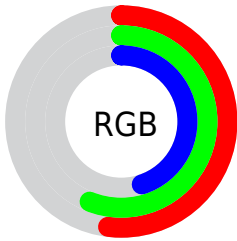
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 116, 142, 125                  |
| Decimal                             | 8752756                        |
| CIELab                              | 57.65, -8.16, 12.77            |
| CIELCh                              | 58, 15.153, 122.574            |
| Yxy                                 | 25.5935, 0.3291,<br>0.3743     |
| Android<br>(android.graphics.Color) | 4286942836<br>(0xFF858E74)     |
| YUV                                 | 136.3450, -10.0301,<br>-2.9336 |
| Hunter-Lab                          | 50.5900, -9.1505,<br>11.6487   |

# Details

The Hex color **858E74** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7D748E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BAC4A8**, and **535C44** is the 20% darker color. If you saturate the color by 10%, you get **808E66**, and if you desaturate by 10%, it is **8A8E82**.

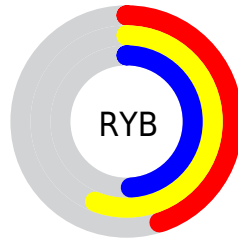
# Distribution



Red (52%)

Green (56%)

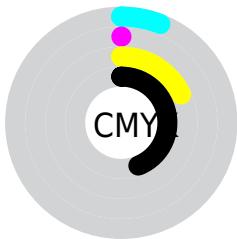
Blue (45%)



Red (45%)

Yellow (56%)

Blue (49%)

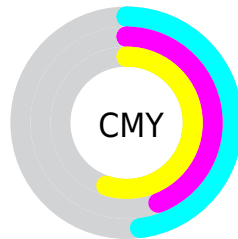


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858E74 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 858E74 by changing the saturation by 10% instead.





858E74



858E74

FFFFFF



6C745B



BAC4A8



535C44



D6E0C3



3C442D



F2FCDF



262E19



FFFFC



131A00



000000



858E74



858E74



808E66



8A8E82



7B8E58



8F8E90

 768E49

 948E9F

 718E3B

 998EAD

 6C8E2D

 9E8EBB

 688E1F

 A28EC9

 638E11

 A78ED7

 5E8E02

 AC8EE6

 5D8E00

 B18EF4

# Harmonies

## Analogous

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



948A70



858E74



76917E

# Triad

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



858E74



6E8FA2



A5818A

# Complementary

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



858E74



7D748E

# 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.



9D8397



858E74



7D8BA5

# Square

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



858E74



679298



8E87A1



A6827D

# Rectangle

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



858E74



6E9287



8E87A1



A3828E



# Sweetspot

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



858E74



B4B8AE



8E7D74



5A5C56



DBDBDB



5C5C5C



# Same Dimension

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



858E74



AAB88F



788E74



454740



588700



050800



# Inverse Universe

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



7D748E



9D8FB8



8A748E



434047



2F0087



030008



# Previews

## White Background



This preview shows how the Hex color 858E74 looks on a white background.

## Color Contrast Check

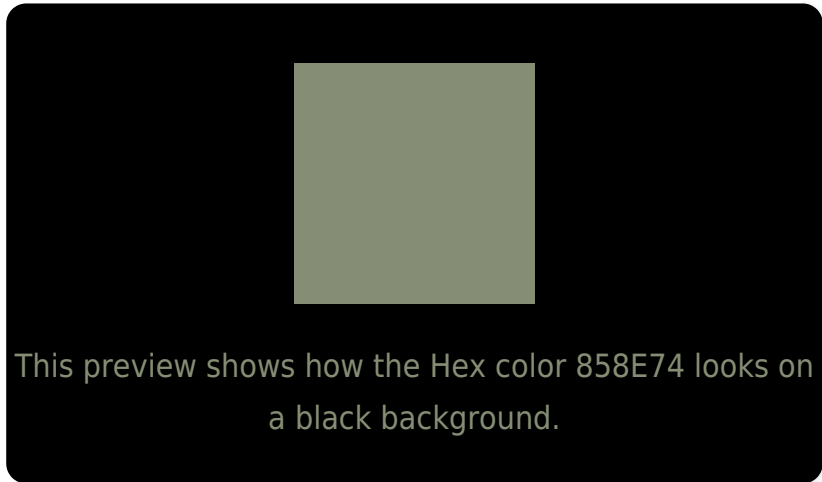
Large Text (above 18pt) WCAG AA ✓ Pass

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

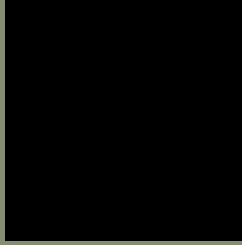
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 858E74 Background



This preview shows how black text looks on a background with the Hex color 858E74.



This preview shows how white text looks on a background with the Hex color 858E74.

# 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



**Original Color**  
858E74

**Protanopia**  
928A72

**Deuteranopia**  
9F8576



**Tritanopia**  
8A8A94

# Trichromacy



**Original Color**  
858E74

**Protanomaly**  
8D8B73

**Deuteranomaly**  
968875

**Tritanomaly**  
888B88

# Monochromacy



**Original Color**  
858E74

**Achromatopsia**  
888888

**Achromatomaly**  
878A81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858E74 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 #858E74 looks like.

```
.text, #text, p{  
    color:#858E74  
}
```

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 #858E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858E74
}
```

## Border

The CSS property to change the border of an element to Hex 858E74 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
#858E74 }
```

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

```
.border{ border-color:#858E74 }
```

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

Here you see how a box with a 4 pixel #858E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858E74; -webkit-box-shadow:4px 4px  
4px 4px #858E74; box-shadow:4px 4px 4px  
4px #858E74 }
```

# Background

The CSS property to change the background color of an element to Hex 858E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858E74 }
```

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

```
.background{ background-color:#858E74 }
```

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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