

# Converting Colors

Hex(858946)

Have a look what the booklet for  
Hex(858946) contains.

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**Color**

**Hex(858946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	858946
RGB	133, 137, 70
RGB Percent	52%, 54%, 27%
CMY	0.4784, 0.4627, 0.7255
CMYK	0.03, 0.00, 0.49, 0.46
HSL	64°, 32%, 41%
HSV	64°, 49%, 54%
XYZ	19.7240, 23.3201, 9.2560
YIQ	128.1660, 19.1230, -21.6850

# Conversions

## Conversions Part 2

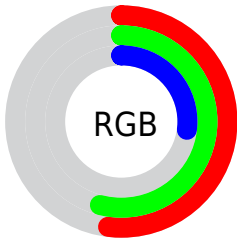
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 137, 74
Decimal	8751430
CIELab	55.40, -11.74, 35.16
CIElCh	55, 37.073, 108.462
Yxy	23.3201, 0.3771, 0.4459
Android (android.graphics.Color)	4286941510 (0xFF858946)
YUV	128.1660, -28.6758, 4.2394
Hunter-Lab	48.2909, -11.6021, 22.4394

# Details

The Hex color **858946** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4A4689**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BBBE78**, and **525716** is the 20% darker color. If you saturate the color by 10%, you get **848938**, and if you desaturate by 10%, it is **868954**.

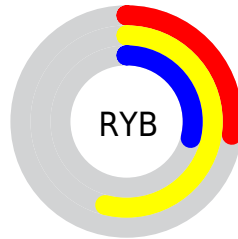
# Distribution



Red (52%)

Green (54%)

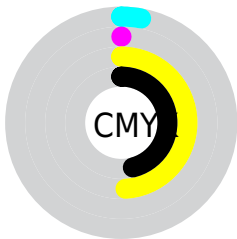
Blue (27%)



Red (27%)

Yellow (54%)

Blue (29%)

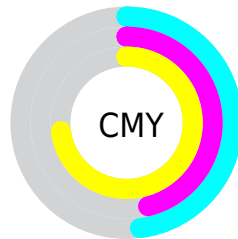


Cyan (3%)

Magenta (0%)

Yellow (49%)

Black (46%)



Cyan (48%)

Magenta (46%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858946 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 858946 by changing the saturation by 10% instead.





858946



858946

FFFFFF



6B702E



BBBE78



525716



D8DA92



394000



F5F7AD



222A00



FFFFC9



001700



FFFFE5



000000



858946



858946



848938



868954



83892B



878961

■ 83891D

■ 87896F

■ 82890F

■ 88897D

■ 818902

■ 89898B

■ 818900

■ 8A8998

■ 8B89A6

■ 8C89B4

■ 8C89C1

# Harmonies

## Analogous

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



A37F45



858946



609159

# Triad

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



858946



0092B4



BB6C92

# Complementary

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



858946



4A4689

# 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.



A075B0



858946



348CC3

# Square

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



858946



009598



7481C2



C26B72

# Rectangle

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



858946



43946C



7481C2



B46E9D



# Sweetspot

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



858946



B1B398



894946



585949



D9D9D9



595959



# Same Dimension

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



858946



ACB349



648946



44453E



7D8500



050500



# Inverse Universe

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



4A4689



4F49B3



6B4689



3E3E45



080085



000005



# Previews

## White Background



This preview shows how the Hex color 858946 looks on a white background.

## Color Contrast Check

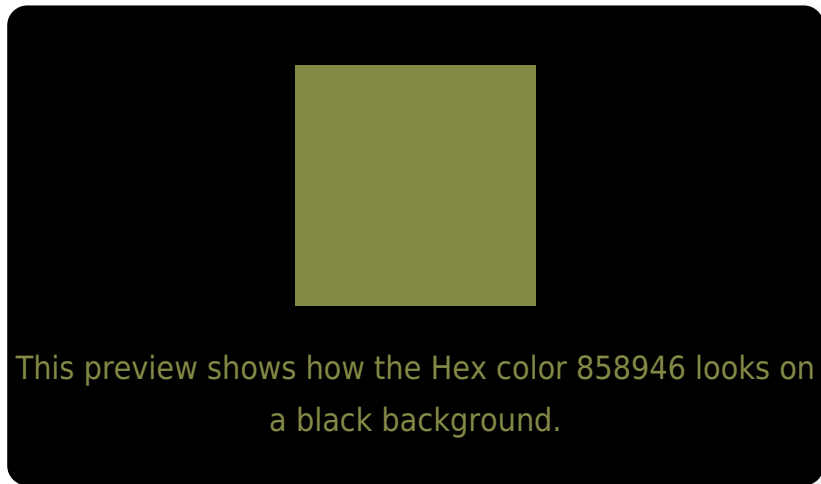
Large Text (above 18pt) WCAG AA ✓ Pass

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

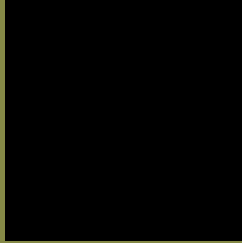
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 858946 Background



This preview shows how black text looks on a background with the Hex color 858946.



This preview shows how white text looks on a background with the Hex color 858946.

# 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**  
858946

**Protanopia**  
928545

**Deuteranopia**  
A27E49



**Tritanopia**  
8D818B

# Trichromacy



**Original Color**  
858946

**Protanomaly**  
8D8645

**Deuteranomaly**  
978248

**Tritanomaly**  
8A8472

# Monochromacy



**Original Color**  
858946

**Achromatopsia**  
808080

**Achromatomaly**  
82836B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858946 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 #858946 looks like.

```
.text, #text, p{  
    color:#858946  
}
```

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 #858946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858946
}
```

## Border

The CSS property to change the border of an element to Hex 858946 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
#858946 }
```

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

```
.border{ border-color:#858946 }
```

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

Here you see how a box with a 4 pixel #858946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858946; -webkit-box-shadow:4px 4px  
4px 4px #858946; box-shadow:4px 4px 4px  
4px #858946 }
```

# Background

The CSS property to change the background color of an element to Hex 858946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858946 }
```

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

```
.background{ background-color:#858946 }
```

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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