

# Converting Colors

Hex(8E8F55)

Have a look what the booklet for  
Hex(8E8F55) contains.

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# Color

Hex(8E8F55)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E8F55
RGB	142, 143, 85
RGB Percent	56%, 56%, 33%
CMY	0.4431, 0.4392, 0.6667
CMYK	0.01, 0.00, 0.41, 0.44
HSL	61°, 25%, 45%
HSV	61°, 41%, 56%
XYZ	22.6175, 26.0516, 12.4307
YIQ	136.0890, 18.0220, -18.2500

# Conversions

## Conversions Part 2

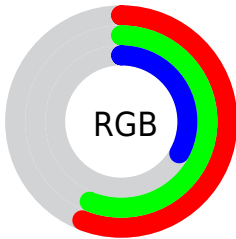
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 143, 86
Decimal	9342805
CIELab	58.09, -9.50, 30.71
CIElCh	58, 32.146, 107.181
Yxy	26.0516, 0.3702, 0.4264
Android (android.graphics.Color)	4287532885 (0xFF8E8F55)
YUV	136.0890, -25.1869, 5.1839
Hunter-Lab	51.0407, -10.2233, 21.2887

# Details

The Hex color **8E8F55** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **56558F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C5C588**, and **5A5D26** is the 20% darker color. If you saturate the color by 10%, you get **8E8F47**, and if you desaturate by 10%, it is **8E8F63**.

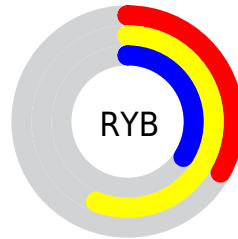
# Distribution



Red (56%)

Green (56%)

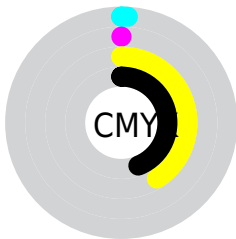
Blue (33%)



Red (33%)

Yellow (56%)

Blue (34%)

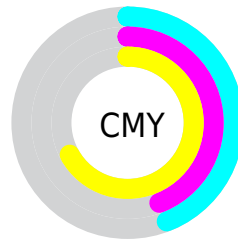


Cyan (1%)

Magenta (0%)

Yellow (41%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8F55 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 8E8F55 by changing the saturation by 10% instead.





8E8F55



8E8F55

FFFFFF



74753D



C5C588



5A5D26



E1E1A2



42450F



FEFDBD



2C2F00



FFFFD9



131B00



FFFFF6



000000



8E8F55



8E8F55



8E8F47



8E8F63



8E8F38



8E8F72

 8D8F2A

 8F8F80

 8D8F1C

 8F8F8E

 8D8F0D

 8F8F9D

 8D8F00

 8F8FAB

 908FB9

 908FC7

 908FD6

# Harmonies

## Analogous

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



A98655



8E8F55



6E9664

# Triad

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



8E8F55



1E98B4



BB7799

# Complementary

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



8E8F55



56558F

# 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.



A37FB2



8E8F55



4E92C2

# Square

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



8E8F55



239B9B



7D89C1



C3767C

# Rectangle

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



8E8F55



579975



7D89C1



B579A2



# Sweetspot

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



8E8F55



BABAA4



8F5655



5E5E51



DEDEDE



5E5E5E



# Same Dimension

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



8E8F55



B9BA5F



718F55



474740



858700



080800



# Inverse Universe

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



56558F



615FBA



73558F



404047



020087



000008



# Previews

## White Background



This preview shows how the Hex color 8E8F55 looks on a white background.

## Color Contrast Check

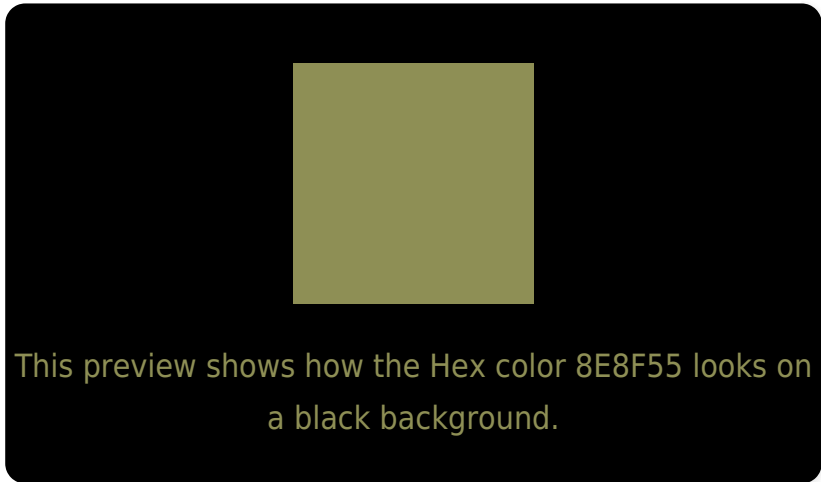
Large Text (above 18pt) WCAG AA ✓ Pass

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

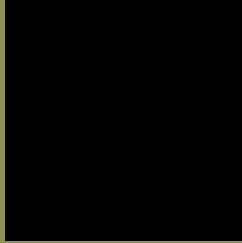
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E8F55 Background



This preview shows how black text looks on a background with the Hex color 8E8F55.

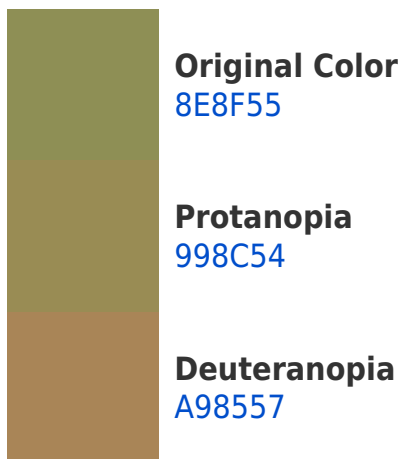


This preview shows how white text looks on a background with the Hex color 8E8F55.

# 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**  
958892

# Trichromacy



**Original Color**  
8E8F55

**Protanomaly**  
958D54

**Deuteranomaly**  
9F8956

**Tritanomaly**  
928B7C

# Monochromacy



**Original Color**  
8E8F55

**Achromatopsia**  
888888

**Achromatomaly**  
8A8B75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8F55 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 #8E8F55 looks like.

```
.text, #text, p{  
    color:#8E8F55  
}
```

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 #8E8F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8F55
}
```

## Border

The CSS property to change the border of an element to Hex 8E8F55 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
#8E8F55 }
```

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

```
.border{ border-color:#8E8F55 }
```

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

Here you see how a box with a 4 pixel #8E8F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8F55; -webkit-box-shadow:4px 4px  
4px 4px #8E8F55; box-shadow:4px 4px 4px  
4px #8E8F55 }
```

# Background

The CSS property to change the background color of an element to Hex 8E8F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8F55 }
```

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

```
.background{ background-color:#8E8F55 }
```

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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