

# Converting Colors

Hex(8E8B81)

Have a look what the booklet for  
Hex(8E8B81) contains.

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# Color

**Hex(8E8B81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E8B81
RGB	142, 139, 129
RGB Percent	56%, 55%, 51%
CMY	0.4431, 0.4549, 0.4941
CMYK	0.00, 0.02, 0.09, 0.44
HSL	46°, 5%, 53%
HSV	46°, 9%, 56%
XYZ	24.3504, 25.8010, 24.4656
YIQ	138.7570, 4.9980, -2.4740

# Conversions

## Conversions Part 2

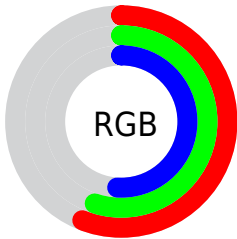
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 142, 129
Decimal	9341825
CIE <sub>Lab</sub>	57.85, -0.75, 5.73
CIE <sub>LCh</sub>	58, 5.783, 97.441
Yxy	25.8010, 0.3263, 0.3458
Android (android.graphics.Color)	4287531905 (0xFF8E8B81)
YUV	138.7570, -4.8102, 2.8441
Hunter-Lab	50.7947, -3.3198, 6.9989

# Details

The Hex color **8E8B81** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **81848E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C4C0B6**, and **5C5950** is the 20% darker color. If you saturate the color by 10%, you get **8E8873**, and if you desaturate by 10%, it is **8E8E8F**.

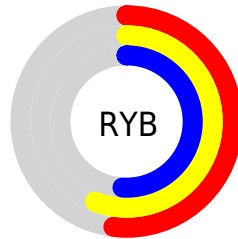
# Distribution



Red (56%)

Green (55%)

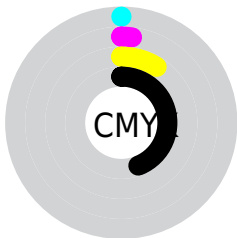
Blue (51%)



Red (52%)

Yellow (56%)

Blue (51%)

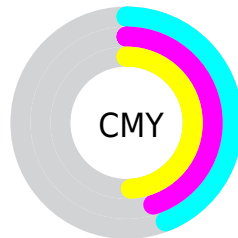


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (44%)



Cyan (44%)

Magenta (45%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8B81 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 8E8B81 by changing the saturation by 10% instead.





8E8B81



8E8B81

FFFFFF



747268



C4C0B6



5C5950



E0DCD1



444239



FCF9EE



2E2C23



1A170E



000000



8E8B81



8E8B81



8E8873



8E8E8F



8E8465



8E929D

 8E8156

 8E95AC

 8E7E48

 8E98BA

 8E7B3A

 8E9BC8

 8E772C

 8E9FD6

 8E741E

 8EA2E4

 8E710F

 8EA5F3

 8E6E01

 8EA8FF

# Harmonies

## Analogous

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



938982



8E8B81



888D83

# Triad

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



8E8B81



7F8E91



93888F

# Complementary

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



8E8B81



81848E

# 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.



8E8993



8E8B81



828D94

# Square

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



8E8B81



7F8E8C



878B95



96888A

# Rectangle

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



8E8B81



848D85



878B95



918890



# Sweetspot

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



8E8B81



B8B6B2



8E8184



5C5B58



DBDBDB



5C5C5C



# Same Dimension

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



8E8B81



B8B3A3



8B8E81



474640



876800



080600



# Inverse Universe

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



81848E



A3A8B8



84818E



404247



001F87



000208



# Previews

## White Background



This preview shows how the Hex color 8E8B81 looks on a white background.

## Color Contrast Check

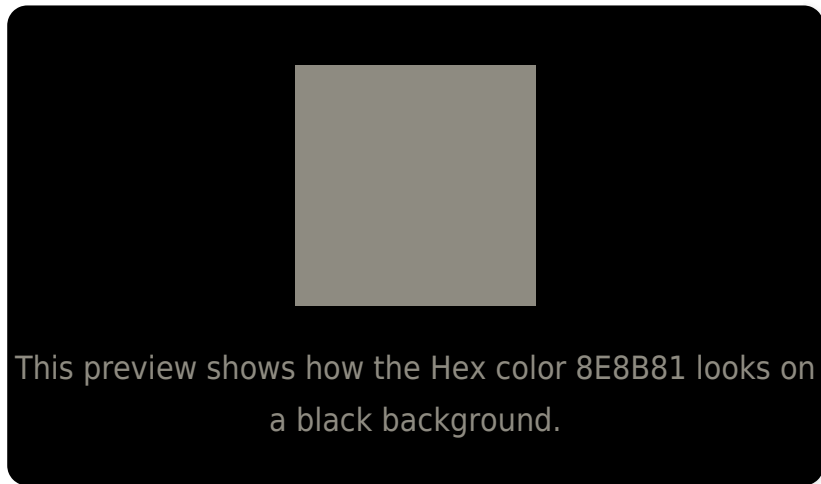
Large Text (above 18pt) WCAG AA ✓ Pass

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

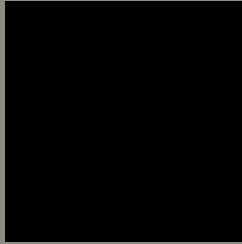
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

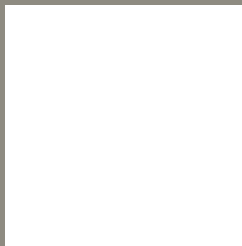
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E8B81 Background



This preview shows how black text looks on a background with the Hex color 8E8B81.



This preview shows how white text looks on a background with the Hex color 8E8B81.

# 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**  
8E8B81

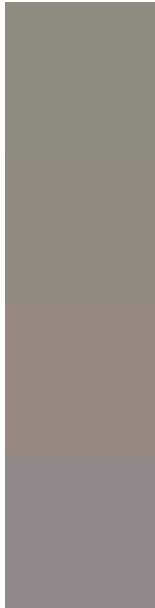
**Protanopia**  
908A81

**Deuteranopia**  
9C8682



**Tritanopia**  
918893

# Trichromacy



**Original Color**  
8E8B81

**Protanomaly**  
8F8A81

**Deuteranomaly**  
978882

**Tritanomaly**  
90898C

# Monochromacy



**Original Color**  
8E8B81

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8C8B87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8B81 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 #8E8B81 looks like.

```
.text, #text, p{  
    color:#8E8B81  
}
```

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 #8E8B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8B81
}
```

## Border

The CSS property to change the border of an element to Hex 8E8B81 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
#8E8B81 }
```

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

```
.border{ border-color:#8E8B81 }
```

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

Here you see how a box with a 4 pixel #8E8B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8B81; -webkit-box-shadow:4px 4px  
4px 4px #8E8B81; box-shadow:4px 4px 4px  
4px #8E8B81 }
```

# Background

The CSS property to change the background color of an element to Hex 8E8B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8B81 }
```

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

```
.background{ background-color:#8E8B81 }
```

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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