

Converting Colors

Hex(8E8D77)

Have a look what the booklet for
Hex(8E8D77) contains.

Hex(8E8D77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E8D77)

Conversions

Conversions Part 1

Format	Color
Hex	8E8D77
RGB	142, 141, 119
RGB Percent	56%, 55%, 47%
CMY	0.4431, 0.4471, 0.5333
CMYK	0.00, 0.01, 0.16, 0.44
HSL	57°, 9%, 51%
HSV	57°, 16%, 56%
XYZ	24.0100, 26.1324, 21.2314
YIQ	138.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

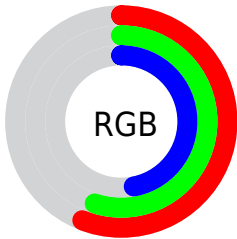
Format	Color
R_{YB}	120, 142, 119
Decimal	9342327
CIE Lab	58.16, -3.59, 11.89
CIE LCh	58, 12.421, 106.813
Yxy	26.1324, 0.3364, 0.3661
Android (android.graphics.Color)	4287532407 (0xFF8E8D77)
YUV	138.7910, -9.7570, 2.8143
Hunter-Lab	51.1199, -5.6220, 11.1593

Details

The Hex color **8E8D77** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **77788E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **C4C3AB**, and **5C5B47** is the 20% darker color. If you saturate the color by 10%, you get **8E8C69**, and if you desaturate by 10%, it is **8E8E85**.

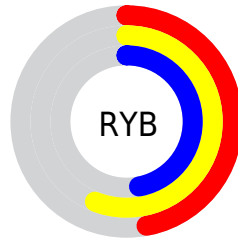
Distribution



Red (56%)

Green (55%)

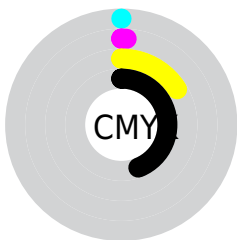
Blue (47%)



Red (47%)

Yellow (56%)

Blue (47%)

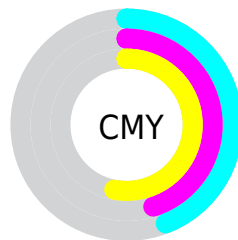


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (44%)



Cyan (44%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E8D77 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 8E8D77 by changing the saturation by 10% instead.



8E8D77



8E8D77

FFFFFF



74735E



C4C3AB



5C5B47



E0DEC7



444430



FCFBE3



2D2D1B



1A1901



000000



8E8D77



8E8D77



8E8C69



8E8E85



8E8C5B



8E8E93

 8E8B4C

 8E8FA2

 8E8B3E

 8E8FB0

 8E8A30

 8E90BE

 8E8922

 8E91CC

 8E8914

 8E91DA

 8E8805

 8E92E9

 8E8800

 8E93F7

Harmonies

Analogous

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



998977



8E8D77



81907D

Triad

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



8E8D77



71919B



9F8591

Complementary

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



8E8D77



77788E

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.



95879B



8E8D77



7A8EA1

Square

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



8E8D77



709292



888BA0



A38486

Rectangle

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



8E8D77



7A9183



888BA0



9C8595

Sweetspot

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



8E8D77



B8B7AE



8E7778



5C5C56



DBDBDB



5C5C5C

Same Dimension

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



8E8D77



B8B695



848E77



474740



878100



080700

Inverse Universe

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



77788E



9596B8



81778E



404147



000687



000008

Previews

White Background



This preview shows how the Hex color 8E8D77 looks on a white background.

Color Contrast Check

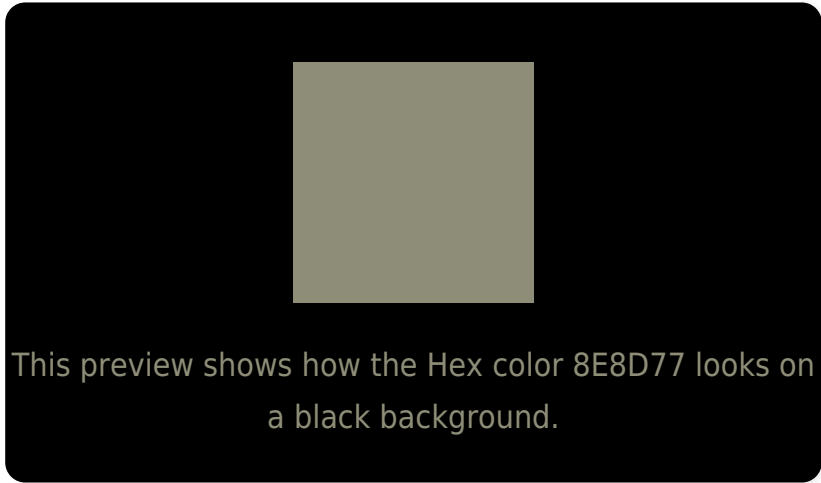
Large Text (above 18pt) WCAG AA ✓ Pass

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

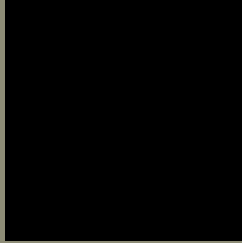
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

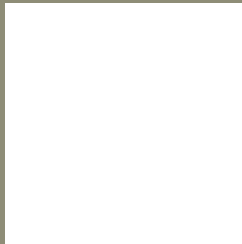
Any Text WCAG AAA × Fail

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

Hex 8E8D77 Background



This preview shows how black text looks on a background with the Hex color 8E8D77.



This preview shows how white text looks on a background with the Hex color 8E8D77.

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
8E8D77

Protanopia
938B76

Deuteranopia
A08778



Tritanopia
928994

Trichromacy



Original Color
8E8D77

Protanomaly
918C76

Deuteranomaly
998978

Tritanomaly
918A89

Monochromacy



Original Color
8E8D77

Achromatopsia
8B8B8B

Achromatomaly
8C8C84

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E8D77 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 #8E8D77 looks like.

```
.text, #text, p{  
    color:#8E8D77  
}
```

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 #8E8D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8D77
}
```

Border

The CSS property to change the border of an element to Hex 8E8D77 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
#8E8D77 }
```

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

```
.border{ border-color:#8E8D77 }
```

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

Here you see how a box with a 4 pixel #8E8D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8D77; -webkit-box-shadow:4px 4px  
4px 4px #8E8D77; box-shadow:4px 4px 4px  
4px #8E8D77 }
```

Background

The CSS property to change the background color of an element to Hex 8E8D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8D77 }
```

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

```
.background{ background-color:#8E8D77 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor