

# Converting Colors

Hex(8E747A)

Have a look what the booklet for  
Hex(8E747A) contains.

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**Color**

**Hex(8E747A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8E747A                    |
| RGB           | 142, 116, 122             |
| RGB Percent   | 56%, 45%, 48%             |
| CMY           | 0.4431, 0.5451, 0.5216    |
| CMYK          | 0.00, 0.18, 0.14, 0.44    |
| HSL           | 346°, 10%, 51%            |
| HSV           | 346°, 18%, 56%            |
| XYZ           | 20.9136, 19.6467, 21.1023 |
| YIQ           | 124.4580, 13.5700, 7.3780 |

# Conversions

## Conversions Part 2

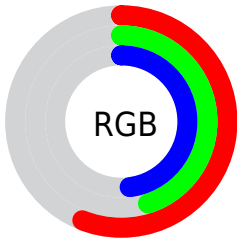
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 142, 116, 122                 |
| Decimal                             | 9335930                       |
| CIE <sub>Lab</sub>                  | 51.44, 11.19, 0.53            |
| CIE <sub>LCh</sub>                  | 51, 11.199, 2.698             |
| Yxy                                 | 19.6467, 0.3392,<br>0.3186    |
| Android<br>(android.graphics.Color) | 4287526010<br>(0xFF8E747A)    |
| YUV                                 | 124.4580, -1.2118,<br>15.3843 |
| Hunter-Lab                          | 44.3246, 6.6532,<br>2.8001    |

# Details

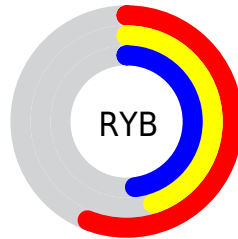
The Hex color **8E747A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **748E88**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C4A8AE**, and **5B4449** is the 20% darker color. If you saturate the color by 10%, you get **8E666F**, and if you desaturate by 10%, it is **8E8285**.

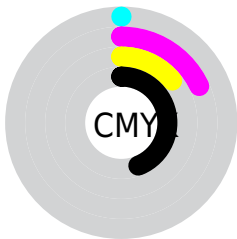
# Distribution



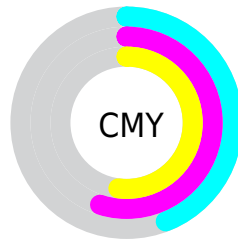
- Red (56%)
- Green (45%)
- Blue (48%)



- Red (56%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E747A 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 8E747A by changing the saturation by 10% instead.





8E747A



8E747A

FFFFFF



745B61



C4A8AE



5B4449



E0C3CA



442D33



FDDFE6



2D181E



FFFCFF



1A0004



000000



8E747A



8E747A



8E666F



8E8285



8E5864



8E9090

 8E4959

 8E9F9B

 8E3B4E

 8EADA6

 8E2D43

 8EBBB1

 8E1F38

 8EC9BC

 8E112E

 8ED7C6

 8E0223

 8EE6D1

 8E0021

 8EF4DC

# Harmonies

## Analogous

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



887584



8E747A



8F7571

# Triad

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



8E747A



777D6A



677E8B

# Complementary

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



8E747A



748E88

# 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.



628084



8E747A



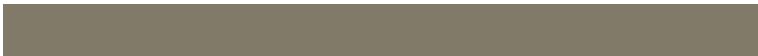
6C7F72

# Square

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



8E747A



817A68



64807B



717B8D

# Rectangle

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



8E747A



8C766C



64807B



647F89



# Sweetspot

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



8E747A



B8AEB1



88748E



5C5658



DBDBDB



5C5C5C



# Same Dimension

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



8E747A



B88F99



8E7B74



474042



87001F



080002



# Inverse Universe

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



8E747A



B88F99



74878E



474042



87001F

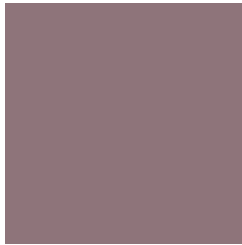


080002



# Previews

## White Background



This preview shows how the Hex color 8E747A looks on a white background.

## Color Contrast Check

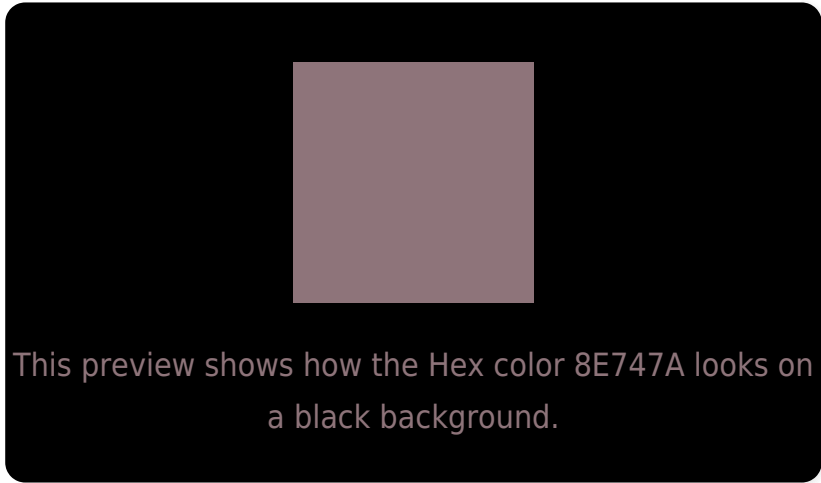
Large Text (above 18pt) WCAG AA ✓ Pass

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

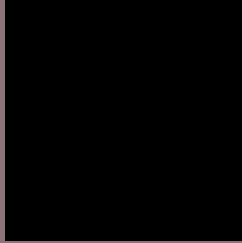
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E747A Background



This preview shows how black text looks on a background with the Hex color 8E747A.



This preview shows how white text looks on a background with the Hex color 8E747A.

# 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**  
8E747A

**Protanopia**  
7C7A7E

**Deuteranopia**  
877779



**Tritanopia**  
8E747D

# Trichromacy



**Original Color**  
8E747A

**Protanomaly**  
83787D

**Deuteranomaly**  
8A7679

**Tritanomaly**  
8E747C

# Monochromacy



**Original Color**  
8E747A

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
83797B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E747A 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 #8E747A looks like.

```
.text, #text, p{  
    color:#8E747A  
}
```

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 #8E747A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E747A
}
```

## Border

The CSS property to change the border of an element to Hex 8E747A is called "border". The border property can be set on classes, ids or directly on the HTML element.

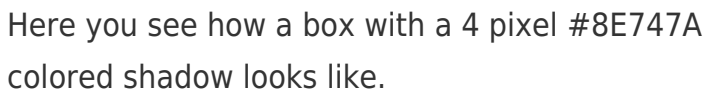
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E747A }
```

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

```
.border{ border-color:#8E747A }
```

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



Here you see how a box with a 4 pixel #8E747A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E747A; -webkit-box-shadow:4px 4px  
4px 4px #8E747A; box-shadow:4px 4px 4px  
4px #8E747A }
```

# Background

The CSS property to change the background color of an element to Hex 8E747A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E747A }
```

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

```
.background{ background-color:#8E747A }
```

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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