

# Converting Colors

Hex(4E8A72)

Have a look what the booklet for  
Hex(4E8A72) contains.

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# Color

Hex(4E8A72)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4E8A72                       |
| RGB         | 78, 138, 114                 |
| RGB Percent | 31%, 54%, 45%                |
| CMY         | 0.6941, 0.4588, 0.5529       |
| CMYK        | 0.43, 0.00, 0.17, 0.46       |
| HSL         | 156°, 28%, 42%               |
| HSV         | 156°, 43%, 54%               |
| XYZ         | 15.2676, 21.0116, 19.1705    |
| YIQ         | 117.3240, -28.0560, -20.1840 |

# Conversions

## Conversions Part 2

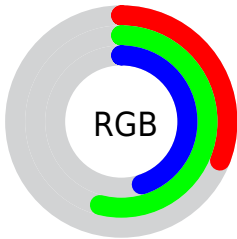
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 78, 116, 138                   |
| Decimal                             | 5147250                        |
| CIELab                              | 52.96, -25.45, 6.80            |
| CIElCh                              | 53, 26.346, 165.031            |
| Yxy                                 | 21.0116, 0.2753,<br>0.3789     |
| Android<br>(android.graphics.Color) | 4283337330<br>(0xFF4E8A72)     |
| YUV                                 | 117.3240, -1.6387,<br>-34.4871 |
| Hunter-Lab                          | 45.8384, -20.7632,<br>7.2906   |

# Details

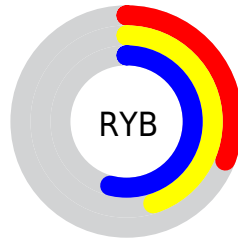
The Hex color **4E8A72** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A4E66**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **82C0A6**, and **1A5842** is the 20% darker color. If you saturate the color by 10%, you get **408A6C**, and if you desaturate by 10%, it is **5C8A78**.

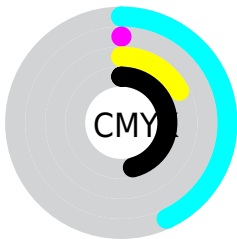
# Distribution



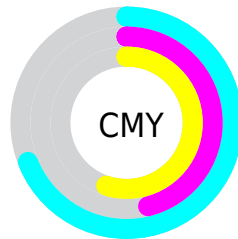
- Red (31%)
- Green (54%)
- Blue (45%)



- Red (31%)
- Yellow (45%)
- Blue (54%)



- Cyan (43%)
- Magenta (0%)
- Yellow (17%)
- Black (46%)



- Cyan (69%)
- Magenta (46%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E8A72 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 4E8A72 by changing the saturation by 10% instead.





4E8A72



4E8A72

FFFFFF



347059



82C0A6



1A5842



9DDCC1



00402C



B9F8DD



002917



D5FFF9



001200



F2FFFF



000000



4E8A72



4E8A72



408A6C



5C8A78



328A67



6A8A7D

■ 258A61

■ 778A83

■ 178A5C

■ 858A88

■ 098A56

■ 938A8E

■ 008A53

■ A18A93

■ AF8A99

■ BC8A9E

■ CA8AA4

# Harmonies

## Analogous

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



69875E



4E8A72



368B89

# Triad

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



4E8A72



717DAA



A7725F

# Complementary

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



4E8A72



8A4E66

# 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.



AB6E74



4E8A72



90759F

# Square

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



4E8A72



4E84AA



A46F8B



987953

# Rectangle

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



4E8A72



308A98



A46F8B



AA7066



# Sweetspot

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



4E8A72



9BB3A9



668A4E



4B5954



D9D9D9



595959



# Same Dimension

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



4E8A72



56B38D



4E848A



3E4542



008550



000503



# Inverse Universe

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



8A4E66



B3567B



8A544E



453E41



850035



050002



# Previews

## White Background



This preview shows how the Hex color 4E8A72 looks on a white background.

## Color Contrast Check

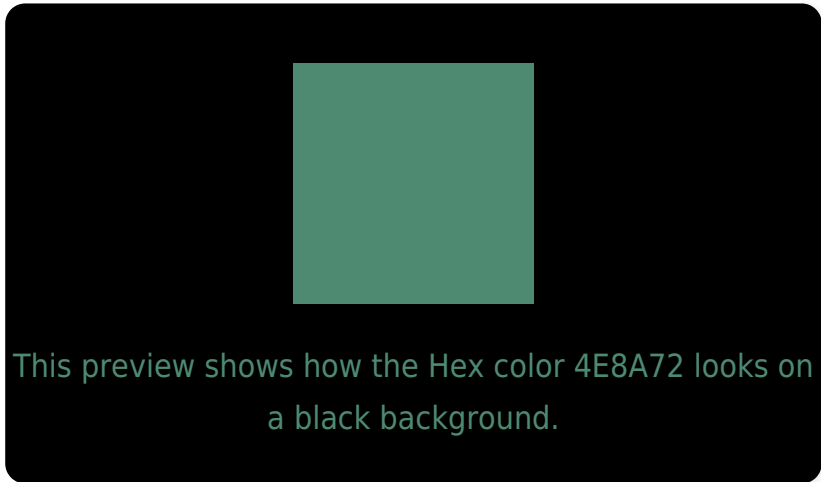
Large Text (above 18pt) WCAG AA ✓ Pass

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

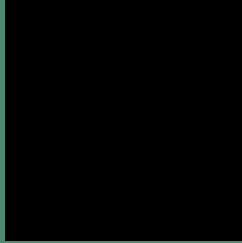
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E8A72 Background



This preview shows how black text looks on a background with the Hex color 4E8A72.

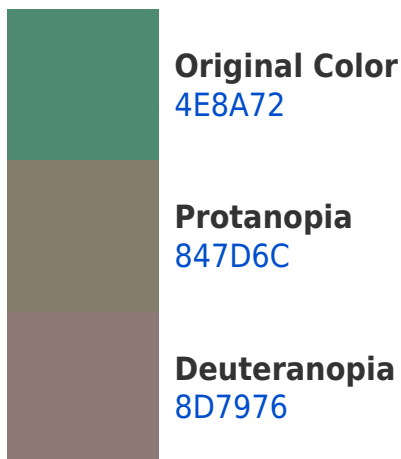



This preview shows how white text looks on a background with the Hex color 4E8A72.

# 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**  
568691

# Trichromacy



**Original Color**  
4E8A72

**Protanomaly**  
70826E

**Deuteranomaly**  
767F75

**Tritanomaly**  
538786

# Monochromacy



**Original Color**  
4E8A72

**Achromatopsia**  
757575

**Achromatomaly**  
677D74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E8A72 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 #4E8A72 looks like.

```
.text, #text, p{  
    color:#4E8A72  
}
```

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 #4E8A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8A72
}
```

## Border

The CSS property to change the border of an element to Hex 4E8A72 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
#4E8A72 }
```

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

```
.border{ border-color:#4E8A72 }
```

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

Here you see how a box with a 4 pixel #4E8A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8A72; -webkit-box-shadow:4px 4px  
4px 4px #4E8A72; box-shadow:4px 4px 4px  
4px #4E8A72 }
```

# Background

The CSS property to change the background color of an element to Hex 4E8A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8A72 }
```

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

```
.background{ background-color:#4E8A72 }
```

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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