

Converting Colors

Hex(4E8A60)

Have a look what the booklet for
Hex(4E8A60) contains.

| | |
|--|----|
| Hex(4E8A60) | 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(4E8A60)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4E8A60 |
| RGB | 78, 138, 96 |
| RGB Percent | 31%, 54%, 38% |
| CMY | 0.6941, 0.4588, 0.6235 |
| CMYK | 0.43, 0.00, 0.30, 0.46 |
| HSL | 138°, 28%, 42% |
| HSV | 138°, 43%, 54% |
| XYZ | 14.3417, 20.6412, 14.2946 |
| YIQ | 115.2720, -22.2780, -25.7820 |

Conversions

Conversions Part 2

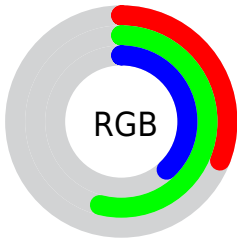
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 78, 124, 138 |
| Decimal | 5147232 |
| CIELab | 52.55, -29.30, 16.55 |
| CIELCh | 53, 33.654, 150.545 |
| Yxy | 20.6412, 0.2910, 0.4189 |
| Android (android.graphics.Color) | 4283337312 (0xFF4E8A60) |
| YUV | 115.2720, -9.5011, -32.6875 |
| Hunter-Lab | 45.4326, -23.1600, 13.1482 |

Details

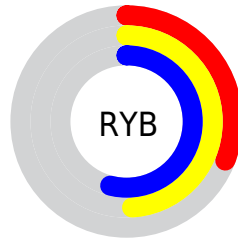
The Hex color **4E8A60** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A4E78**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **82C093**, and **1A5731** is the 20% darker color. If you saturate the color by 10%, you get **408A56**, and if you desaturate by 10%, it is **5C8A6A**.

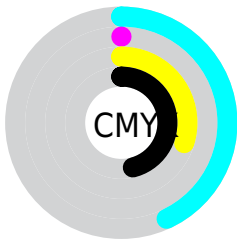
Distribution



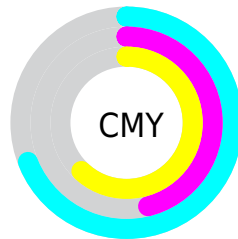
- Red (31%)
- Green (54%)
- Blue (38%)



- Red (31%)
- Yellow (49%)
- Blue (54%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (46%)



- Cyan (69%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E8A60 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 4E8A60 by changing the saturation by 10% instead.



4E8A60



4E8A60

FFFFFF



357048



82C093



1A5731



9DDCAD



00401C



B9F9C9



002903



D5FFE5



001000



F2FFFF



000000



4E8A60



4E8A60



408A56



5C8A6A



328A4D



6A8A73

■ 258A43

■ 778A7D

■ 178A39

■ 858A87

■ 098A30

■ 938A90

■ 008A29

■ A18A9A

■ AF8AA4

■ BC8AAD

■ CA8AB7

Harmonies

Analogous

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



71844A



4E8A60



1D8D7D

Triad

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



4E8A60



5180B7



B46962

Complementary

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



4E8A60



8A4E78

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.



B3667E



4E8A60



8176AF

Square

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



4E8A60



0088AF



A26C9A



A6724C

Rectangle

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



4E8A60



008C91



A26C9A



B5676B

Sweetspot

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



4E8A60



9BB3A2



788A4E



4B594F



D9D9D9



595959

Same Dimension

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



4E8A60



56B372



4E8A7E



3E4540



008528



000502

Inverse Universe

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



8A4E78



B35697



8A4E5A



453E43



85005D



050004

Previews

White Background



This preview shows how the Hex color 4E8A60 looks on a white background.

Color Contrast Check

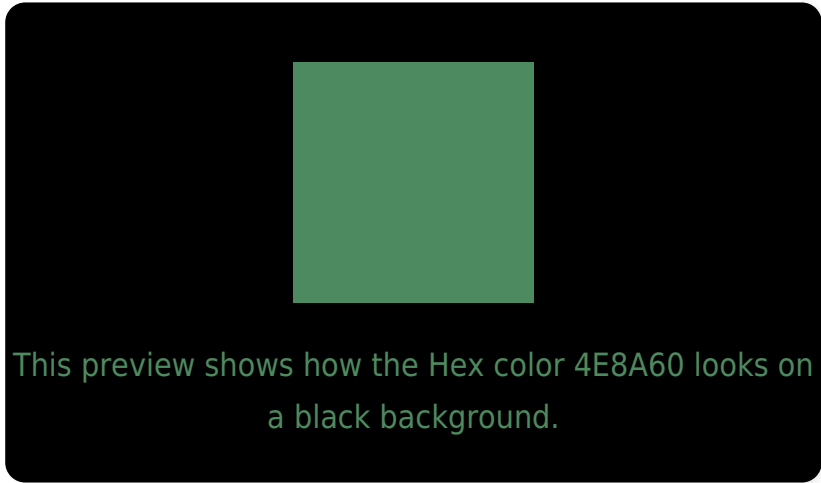
Large Text (above 18pt) WCAG AA ✓ Pass

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

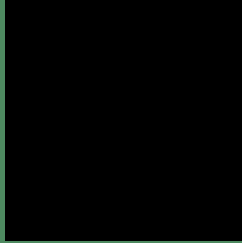
Any Text WCAG AA ✓ Pass

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 4E8A60 Background



This preview shows how black text looks on a background with the Hex color 4E8A60.

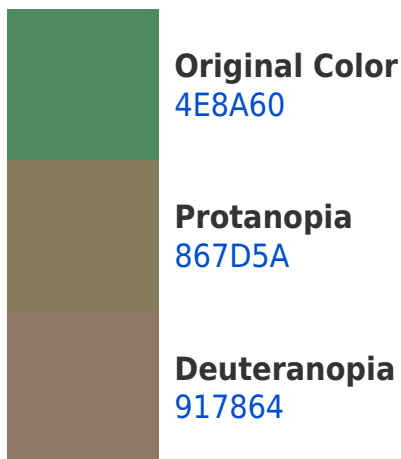



This preview shows how white text looks on a background with the Hex color 4E8A60.

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](#).

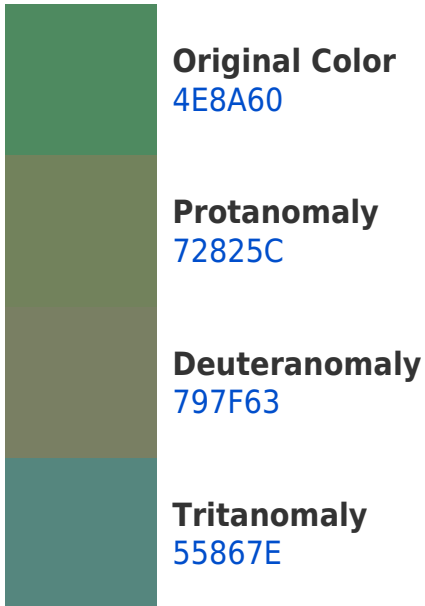
Dichromacy





Tritanopia
59848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E8A60 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 #4E8A60 looks like.

```
.text, #text, p{  
    color:#4E8A60  
}
```

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 #4E8A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8A60
}
```

Border

The CSS property to change the border of an element to Hex 4E8A60 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
#4E8A60 }
```

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

```
.border{ border-color:#4E8A60 }
```

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

Here you see how a box with a 4 pixel #4E8A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8A60; -webkit-box-shadow:4px 4px  
4px 4px #4E8A60; box-shadow:4px 4px 4px  
4px #4E8A60 }
```

Background

The CSS property to change the background color of an element to Hex 4E8A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8A60 }
```

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

```
.background{ background-color:#4E8A60 }
```

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