

# Converting Colors

Hex(4E8162)

Have a look what the booklet for  
Hex(4E8162) contains.

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# Color

**Hex(4E8162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E8162
RGB	78, 129, 98
RGB Percent	31%, 51%, 38%
CMY	0.6941, 0.4941, 0.6157
CMYK	0.40, 0.00, 0.24, 0.49
HSL	144°, 25%, 41%
HSV	144°, 40%, 51%
XYZ	13.1967, 18.2021, 14.3731
YIQ	110.2170, -20.4450, -20.4530

# Conversions

## Conversions Part 2

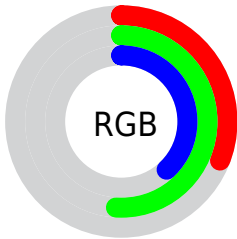
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 115, 129
Decimal	5144930
CIELab	49.74, -24.45, 11.51
CIELCh	50, 27.029, 154.793
Yxy	18.2021, 0.2883, 0.3977
Android (android.graphics.Color)	4283335010 (0xFF4E8162)
YUV	110.2170, -6.0230, -28.2543
Hunter-Lab	42.6639, -19.4483, 9.8904

# Details

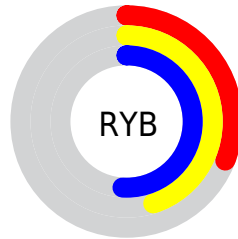
The Hex color **4E8162** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **814E6D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **81B695**, and **1D4F33** is the 20% darker color. If you saturate the color by 10%, you get **41815A**, and if you desaturate by 10%, it is **5B816A**.

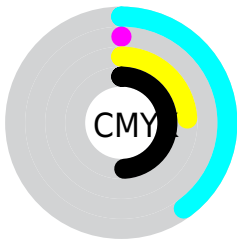
# Distribution



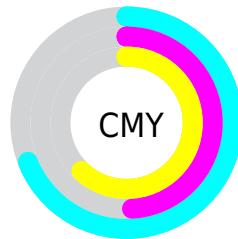
- Red (31%)
- Green (51%)
- Blue (38%)



- Red (31%)
- Yellow (45%)
- Blue (51%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (49%)



- Cyan (69%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E8162 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 4E8162 by changing the saturation by 10% instead.





4E8162



4E8162

FFFFFF



35684A



81B695



1D4F33



9CD2AF



00381E



B7EECB



002306



D3FFE7



000000



F0FFFF



4E8162



4E8162



41815A



5B816A



348152



688172

■ 27814A

■ 75817A

■ 1A8143

■ 828181

■ 0E813B

■ 8F8189

■ 018133

■ 9B8191

■ 008133

■ A88199

■ B581A1

■ C281A9

# Harmonies

## Analogous

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



6A7D50



4E8162



318379

# Triad

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



4E8162



5C77A4



A2675D

# Complementary

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



4E8162



814E6D

# 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.



A26573



4E8162



7E6F9C

# Square

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



4E8162



377E9F



96688A



966E4D

# Rectangle

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



4E8162



228289



96688A



A36664



# Sweetspot

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



4E8162



94A89C



6D814E



48544D



D4D4D4



545454



# Same Dimension

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



4E8162



59A878



4E817B



39403C



008032



000000



# Inverse Universe

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



814E6D



A85989



814E54



40393D



80004E

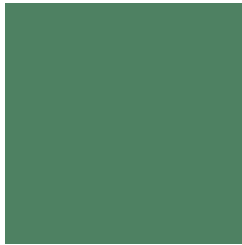


000000



# Previews

## White Background



This preview shows how the Hex color 4E8162 looks on a white background.

## Color Contrast Check

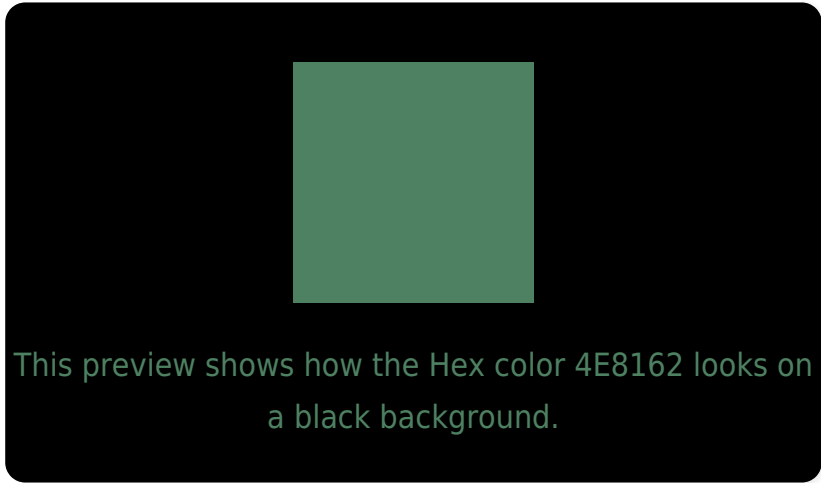
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

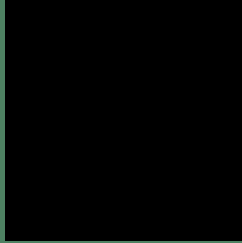
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E8162 Background



This preview shows how black text looks on a background with the Hex color 4E8162.

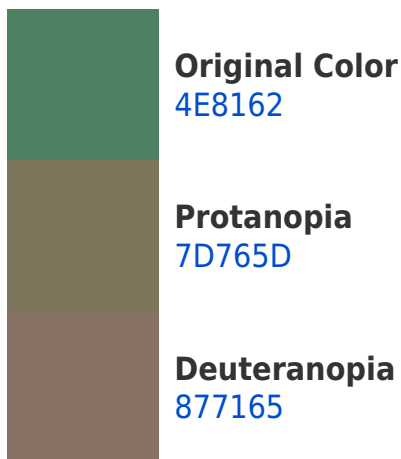



This preview shows how white text looks on a background with the Hex color 4E8162.

# 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**  
567C86

# Trichromacy



**Original Color**  
4E8162

**Protanomaly**  
6C7A5F

**Deuteranomaly**  
727764

**Tritanomaly**  
537E79

# Monochromacy



**Original Color**  
4E8162

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
62756A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E8162 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 #4E8162 looks like.

```
.text, #text, p{  
    color:#4E8162  
}
```

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 #4E8162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8162
}
```

## Border

The CSS property to change the border of an element to Hex 4E8162 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
#4E8162 }
```

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

```
.border{ border-color:#4E8162 }
```

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

Here you see how a box with a 4 pixel #4E8162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8162; -webkit-box-shadow:4px 4px  
4px 4px #4E8162; box-shadow:4px 4px 4px  
4px #4E8162 }
```

# Background

The CSS property to change the background color of an element to Hex 4E8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8162 }
```

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

```
.background{ background-color:#4E8162 }
```

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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