

# Converting Colors

Hex(848E62)

Have a look what the booklet for  
Hex(848E62) contains.

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**Color**

**Hex(848E62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	848E62
RGB	132, 142, 98
RGB Percent	52%, 56%, 38%
CMY	0.4824, 0.4431, 0.6157
CMYK	0.07, 0.00, 0.31, 0.44
HSL	74°, 18%, 47%
HSV	74°, 31%, 56%
XYZ	21.3933, 25.1334, 15.2790
YIQ	133.9940, 8.1640, -15.8040

# Conversions

## Conversions Part 2

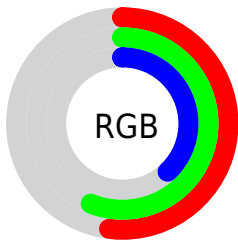
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 142, 108
Decimal	8687202
CIELab	57.21, -11.39, 22.29
CIELCh	57, 25.029, 117.076
Yxy	25.1334, 0.3461, 0.4067
Android (android.graphics.Color)	4286877282 (0xFF848E62)
YUV	133.9940, -17.7450, -1.7487
Hunter-Lab	50.1332, -11.5618, 17.0236

# Details

The Hex color **848E62** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C628E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BAC495**, and **525C33** is the 20% darker color. If you saturate the color by 10%, you get **818E54**, and if you desaturate by 10%, it is **878E70**.

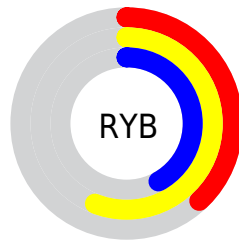
# Distribution



Red (52%)

Green (56%)

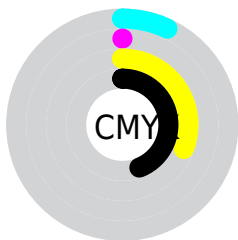
Blue (38%)



Red (38%)

Yellow (56%)

Blue (42%)

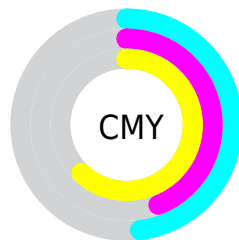


Cyan (7%)

Magenta (0%)

Yellow (31%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848E62 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 848E62 by changing the saturation by 10% instead.





848E62



848E62

FFFFFF



6A744A



BAC495



525C33



D5E0B0



3A441D



F2FCCB



242E05



FFFFE8



0B1A00



000000



848E62



848E62



818E54



878E70



7E8E46



8A8E7E

 7A8E37

 8E8E8D

 778E29

 918E9B

 748E1B

 948EA9

 718E0D

 978EB7

 6E8E00

 9B8EC5

 9E8ED4

 A18EE2

# Harmonies

## Analogous

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



9B875E



848E62



6B9371

# Triad

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



848E62



4E92AD



B2798C

# Complementary

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



848E62



6C628E

# 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.



A37DA1



848E62



6A8CB5

# Square

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



848E62



44959C



8A84B0



B57A77

# Rectangle

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



848E62



5A957F



8A84B0



AF7A94



# Sweetspot

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



848E62



B4B8A7



8E6C62



5A5C52



DBDBDB



5C5C5C



# Same Dimension

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



848E62



A8B874



6E8E62



464740



688700



060800



# Inverse Universe

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



6C628E



8374B8



82628E



424047



1F0087



020008



# Previews

## White Background



This preview shows how the Hex color 848E62 looks on a white background.

## Color Contrast Check

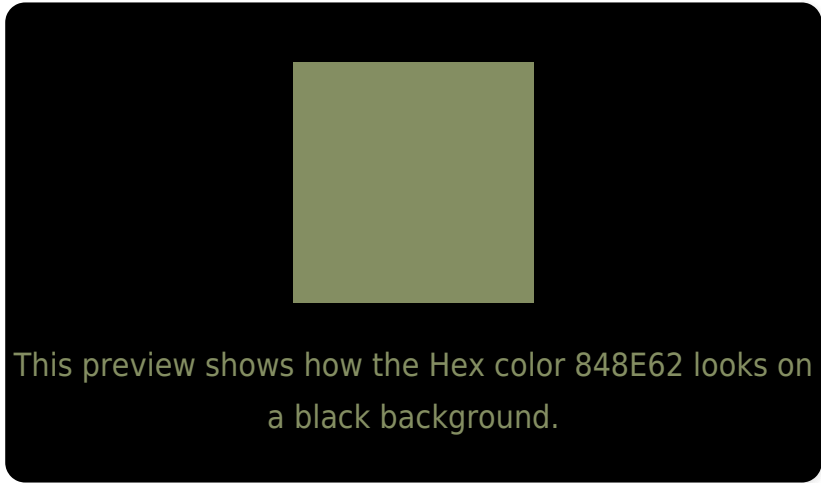
Large Text (above 18pt) WCAG AA ✓ Pass

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

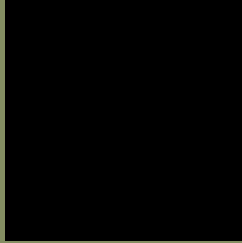
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 848E62 Background



This preview shows how black text looks on a background with the Hex color 848E62.



This preview shows how white text looks on a background with the Hex color 848E62.

# 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**  
848E62

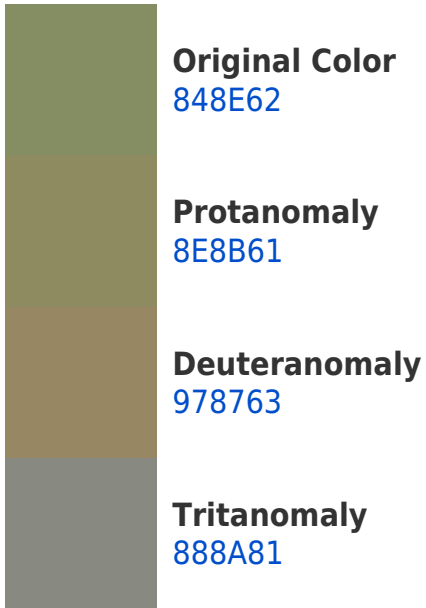
**Protanopia**  
948960

**Deuteranopia**  
A28364

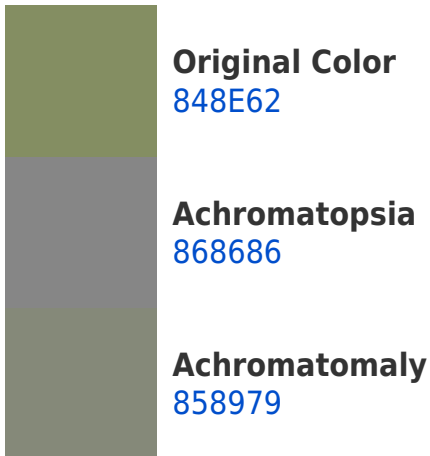


**Tritanopia**  
8A8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848E62 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 #848E62 looks like.

```
.text, #text, p{  
    color:#848E62  
}
```

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 #848E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848E62
}
```

## Border

The CSS property to change the border of an element to Hex 848E62 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
#848E62 }
```

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

```
.border{ border-color:#848E62 }
```

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

Here you see how a box with a 4 pixel #848E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848E62; -webkit-box-shadow:4px 4px  
4px 4px #848E62; box-shadow:4px 4px 4px  
4px #848E62 }
```

# Background

The CSS property to change the background color of an element to Hex 848E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848E62 }
```

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

```
.background{ background-color:#848E62 }
```

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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