

# Converting Colors

Hex(8E9A64)

Have a look what the booklet for  
Hex(8E9A64) contains.

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**Color**

**Hex(8E9A64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E9A64
RGB	142, 154, 100
RGB Percent	56%, 60%, 39%
CMY	0.4431, 0.3961, 0.6078
CMYK	0.08, 0.00, 0.35, 0.40
HSL	73°, 21%, 50%
HSV	73°, 35%, 60%
XYZ	25.0112, 29.7821, 16.4869
YIQ	144.2560, 10.1820, -19.3380

# Conversions

## Conversions Part 2

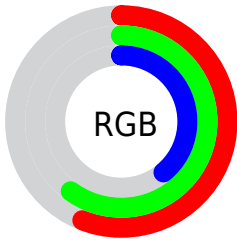
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 154, 112
Decimal	9345636
CIELab	61.47, -13.50, 26.96
CIELCh	61, 30.152, 116.593
Yxy	29.7821, 0.3509, 0.4178
Android (android.graphics.Color)	4287535716 (0xFF8E9A64)
YUV	144.2560, -21.8182, -1.9785
Hunter-Lab	54.5730, -13.6949, 20.2891

# Details

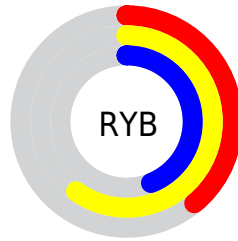
The Hex color **8E9A64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **70649A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C4D097**, and **5B6734** is the 20% darker color. If you saturate the color by 10%, you get **8B9A55**, and if you desaturate by 10%, it is **919A73**.

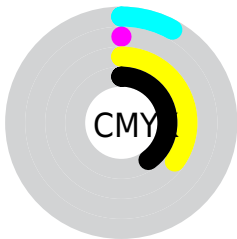
# Distribution



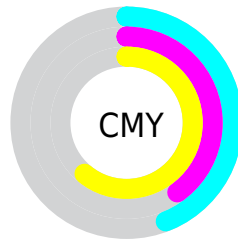
- Red (56%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E9A64 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 8E9A64 by changing the saturation by 10% instead.





8E9A64



8E9A64

FFFFFF



74804C



C4D097



5B6734



E1EDB2



434F1E



FDFDCE



2B3806



FFFEEA



162200



000A00



000000



8E9A64



8E9A64



8B9A55



919A73

879A45

959A83

849A36

989A92

809A26

9C9AA2

7D9A17

9F9AB1

799A08

A39AC0

789A00

A69AD0

A99ADF

AD9AEF

# Harmonies

## Analogous

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



A9925F



8E9A64



6FA076

# Triad

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



8E9A64



449FC0



C68099

# Complementary

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



8E9A64



70649A

# 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.



B386B2



8E9A64



6B98C9

# Square

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



8E9A64



38A2AB



948FC4



C9827E

# Rectangle

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



8E9A64



59A287



948FC4



C181A2



# Sweetspot

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



8E9A64



C5C9B3



9A7064



636659



E6E6E6



666666



# Same Dimension

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



8E9A64



B7C975



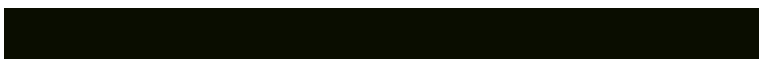
739A64



4B4D45



6D8C00



0A0D00



# Inverse Universe

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



70649A



8875C9



8B649A



47454D



1F008C



03000D



# Previews

## White Background



This preview shows how the Hex color 8E9A64 looks on a white background.

## Color Contrast Check

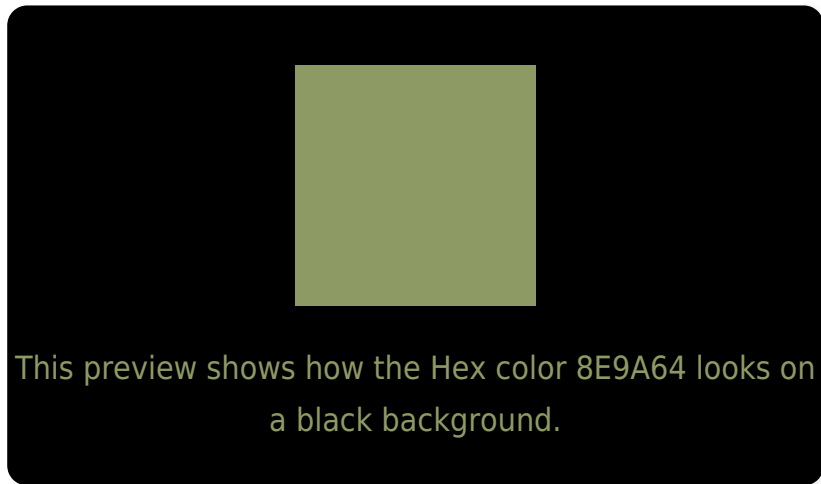
Large Text (above 18pt) WCAG AA ✓ Pass

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

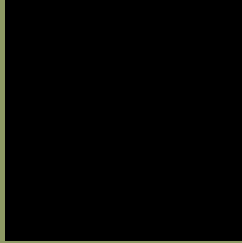
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E9A64 Background



This preview shows how black text looks on a background with the Hex color 8E9A64.

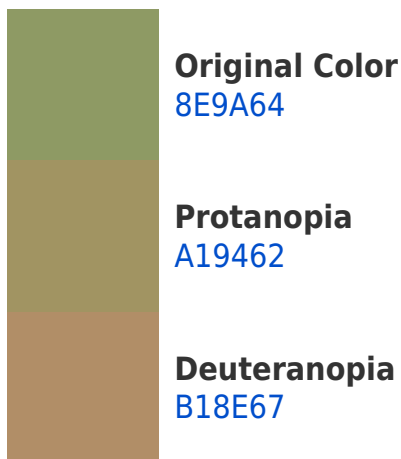


This preview shows how white text looks on a background with the Hex color 8E9A64.

# 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](#).

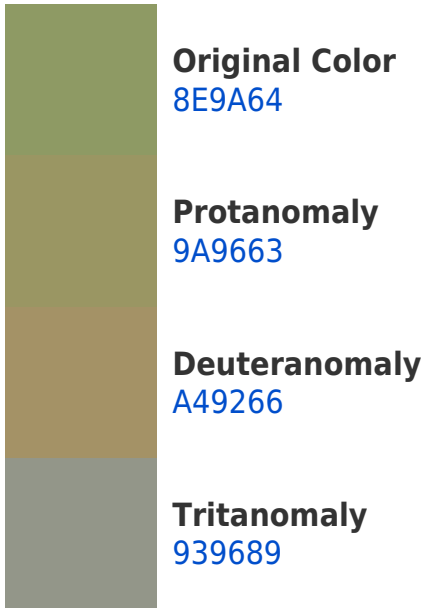
## Dichromacy



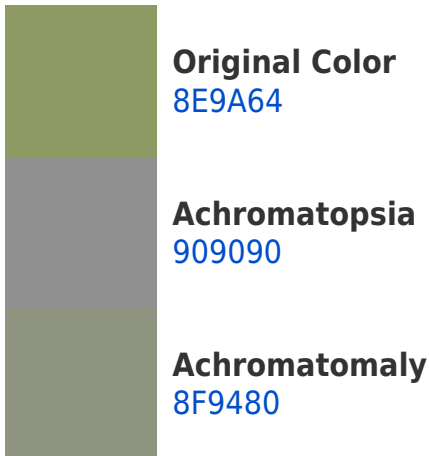


**Tritanopia**  
96939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E9A64 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 #8E9A64 looks like.

```
.text, #text, p{  
    color:#8E9A64  
}
```

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 #8E9A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E9A64
}
```

## Border

The CSS property to change the border of an element to Hex 8E9A64 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
#8E9A64 }
```

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

```
.border{ border-color:#8E9A64 }
```

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

Here you see how a box with a 4 pixel #8E9A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E9A64; -webkit-box-shadow:4px 4px  
4px 4px #8E9A64; box-shadow:4px 4px 4px  
4px #8E9A64 }
```

# Background

The CSS property to change the background color of an element to Hex 8E9A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E9A64 }
```

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

```
.background{ background-color:#8E9A64 }
```

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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