

# Converting Colors

Hex(8E8644)

Have a look what the booklet for  
Hex(8E8644) contains.

<b>Hex(8E8644)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8E8644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E8644
RGB	142, 134, 68
RGB Percent	56%, 53%, 27%
CMY	0.4431, 0.4745, 0.7333
CMYK	0.00, 0.06, 0.52, 0.44
HSL	54°, 35%, 41%
HSV	54°, 52%, 56%
XYZ	20.7238, 23.2183, 8.8582
YIQ	128.8680, 25.9540, -18.8300

# Conversions

## Conversions Part 2

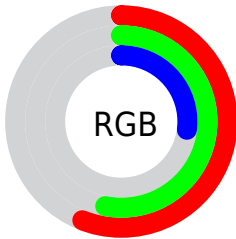
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 142, 68
Decimal	9340484
CIE Lab	55.30, -6.37, 36.26
CIE LCh	55, 36.819, 99.966
Yxy	23.2183, 0.3925, 0.4397
Android (android.graphics.Color)	4287530564 (0xFF8E8644)
YUV	128.8680, -30.0079, 11.5168
Hunter-Lab	48.1854, -7.5543, 22.8302

# Details

The Hex color **8E8644** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **444C8E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C5BB76**, and **5A5514** is the 20% darker color. If you saturate the color by 10%, you get **8E8436**, and if you desaturate by 10%, it is **8E8852**.

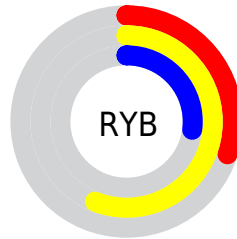
# Distribution



Red (56%)

Green (53%)

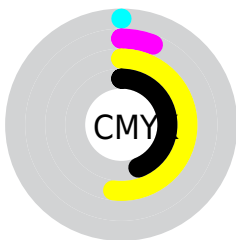
Blue (27%)



Red (30%)

Yellow (56%)

Blue (27%)

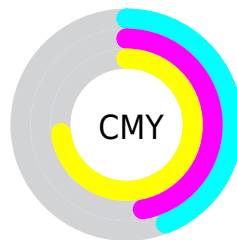


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (44%)



Cyan (44%)

Magenta (47%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E8644 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 8E8644 by changing the saturation by 10% instead.





8E8644



8E8644

FFFFFF



736D2C



C5BB76



5A5514



E2D790



413E00



FFF3AB



292800



FFFFC7



0D1400



FFFFE3



000000



8E8644



8E8644



8E8436



8E8852



8E8328



8E8960

 8E8119

 8E8B6F

 8E800B

 8E8C7D

 8E7F00

 8E8E8B

 8E8F99

 8E91A7

 8E92B6

 8E94C4

# Harmonies

## Analogous

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



AA7B48



8E8644



6B8E52

# Triad

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



8E8644



0093AC



B46E9B

# Complementary

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



8E8644



444C8E

# 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.



9578B5



8E8644



178EC0

# Square

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



8E8644



00958E



6584C3



C16B7B

# Rectangle

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



8E8644



509263



6584C3



AC71A5



# Sweetspot

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



8E8644



B8B49A



8E444D



5C5A4A



DBDBDB



5C5C5C



# Same Dimension

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



8E8644



B8AB44



728E44



474740



877900



080700



# Inverse Universe

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



444C8E



4450B8



60448E



404147



000F87



000108



# Previews

## White Background



This preview shows how the Hex color 8E8644 looks on a white background.

## Color Contrast Check

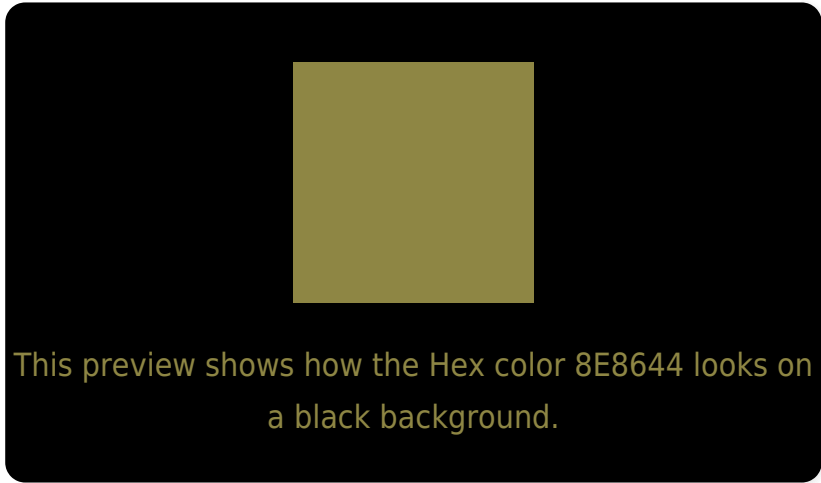
Large Text (above 18pt) WCAG AA ✓ Pass

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

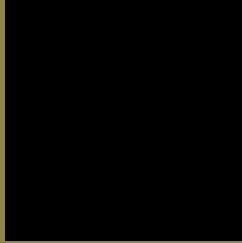
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E8644 Background



This preview shows how black text looks on a background with the Hex color 8E8644.



This preview shows how white text looks on a background with the Hex color 8E8644.

# 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**  
8E8644

**Protanopia**  
928544

**Deuteranopia**  
A27E46



**Tritanopia**  
957E88

# Trichromacy



**Original Color**  
8E8644

**Protanomaly**  
918544

**Deuteranomaly**  
9B8145

**Tritanomaly**  
92816F

# Monochromacy



**Original Color**  
8E8644

**Achromatopsia**  
818181

**Achromatomaly**  
86836B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E8644 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 #8E8644 looks like.

```
.text, #text, p{  
    color:#8E8644  
}
```

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 #8E8644 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E8644
}
```

## Border

The CSS property to change the border of an element to Hex 8E8644 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
#8E8644 }
```

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

```
.border{ border-color:#8E8644 }
```

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

Here you see how a box with a 4 pixel #8E8644 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E8644; -webkit-box-shadow:4px 4px  
4px 4px #8E8644; box-shadow:4px 4px 4px  
4px #8E8644 }
```

# Background

The CSS property to change the background color of an element to Hex 8E8644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E8644 }
```

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

```
.background{ background-color:#8E8644 }
```

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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