

# Converting Colors

Hex(8A8D51)

Have a look what the booklet for  
Hex(8A8D51) contains.

<b>Hex(8A8D51)</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(8A8D51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A8D51
RGB	138, 141, 81
RGB Percent	54%, 55%, 32%
CMY	0.4588, 0.4471, 0.6824
CMYK	0.02, 0.00, 0.43, 0.45
HSL	63°, 27%, 44%
HSV	63°, 43%, 55%
XYZ	21.4913, 25.0471, 11.4864
YIQ	133.2630, 17.4720, -19.2960

# Conversions

## Conversions Part 2

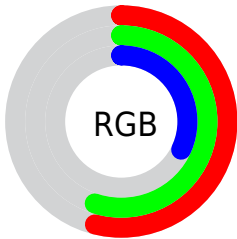
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 141, 84
Decimal	9080145
CIELab	57.12, -10.57, 31.57
CIElCh	57, 33.291, 108.507
Yxy	25.0471, 0.3704, 0.4317
Android (android.graphics.Color)	4287270225 (0xFF8A8D51)
YUV	133.2630, -25.7657, 4.1543
Hunter-Lab	50.0471, -10.9306, 21.4251

# Details

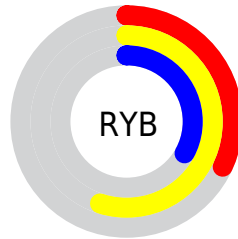
The Hex color **8A8D51** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54518D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C0C383**, and **575B22** is the 20% darker color. If you saturate the color by 10%, you get **898D43**, and if you desaturate by 10%, it is **8B8D5F**.

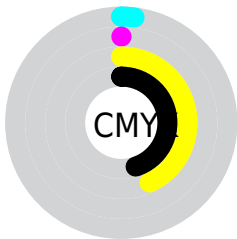
# Distribution



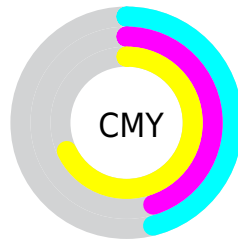
- Red (54%)
- Green (55%)
- Blue (32%)



- Red (32%)
- Yellow (55%)
- Blue (33%)



- Cyan (2%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8D51 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 8A8D51 by changing the saturation by 10% instead.





8A8D51



8A8D51

FFFFFF



707439



C0C383



575B22



DDDE9E



3E440A



FAFBB9



282D00



FFFFD5



0C1A00



FFFFF1



000000



8A8D51



8A8D51



898D43



8B8D5F



898D35



8B8D6D

■ 888D27

■ 8C8D7B

■ 878D19

■ 8D8D89

■ 868D0A

■ 8E8D97

■ 868D00

■ 8E8DA6

■ 8F8DB4

■ 908DC2

■ 908DD0

# Harmonies

## Analogous

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



A68450



8A8D51



699462

# Triad

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



8A8D51



0696B4



BA7496

# Complementary

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



8A8D51



54518D

# 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.



A37BB0



8A8D51



498FC1

# Square

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



8A8D51



0D989B



7C86C0



C27378

# Rectangle

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



8A8D51



509773



7C86C0



B4759F



# Sweetspot

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



8A8D51



B6B8A0



8D5451



5B5C4D



DBDBDB



5C5C5C



# Same Dimension

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



8A8D51



B3B85A



6C8D51



474740



808700



070800



# Inverse Universe

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



54518D



5F5AB8



72518D



414047



070087



000008



# Previews

## White Background



This preview shows how the Hex color 8A8D51 looks on a white background.

## Color Contrast Check

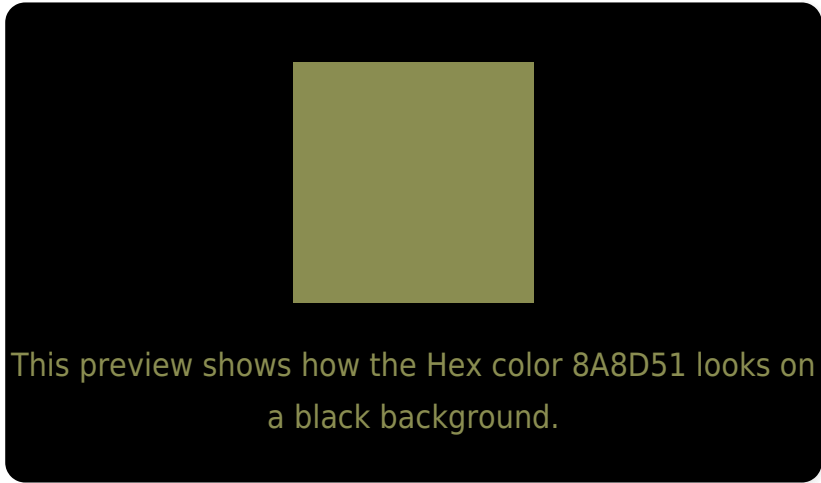
Large Text (above 18pt) WCAG AA ✓ Pass

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

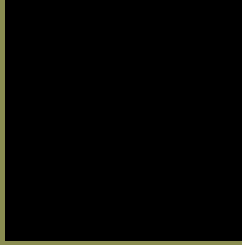
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A8D51 Background



This preview shows how black text looks on a background with the Hex color 8A8D51.



This preview shows how white text looks on a background with the Hex color 8A8D51.

# 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**  
8A8D51

**Protanopia**  
968950

**Deuteranopia**  
A68353



**Tritanopia**  
918690

# Trichromacy



**Original Color**  
8A8D51

**Protanomaly**  
928A50

**Deuteranomaly**  
9C8752

**Tritanomaly**  
8E8979

# Monochromacy



**Original Color**  
8A8D51

**Achromatopsia**  
858585

**Achromatomaly**  
878872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8D51 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 #8A8D51 looks like.

```
.text, #text, p{  
    color:#8A8D51  
}
```

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 #8A8D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8D51
}
```

## Border

The CSS property to change the border of an element to Hex 8A8D51 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
#8A8D51 }
```

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

```
.border{ border-color:#8A8D51 }
```

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

Here you see how a box with a 4 pixel #8A8D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8D51; -webkit-box-shadow:4px 4px  
4px 4px #8A8D51; box-shadow:4px 4px 4px  
4px #8A8D51 }
```

# Background

The CSS property to change the background color of an element to Hex 8A8D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8D51 }
```

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

```
.background{ background-color:#8A8D51 }
```

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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