

# Converting Colors

Hex(8D8E39)

Have a look what the booklet for  
Hex(8D8E39) contains.

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**Color**

**Hex(8D8E39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D8E39
RGB	141, 142, 57
RGB Percent	55%, 56%, 22%
CMY	0.4471, 0.4431, 0.7765
CMYK	0.01, 0.00, 0.60, 0.44
HSL	61°, 43%, 39%
HSV	61°, 60%, 56%
XYZ	21.3960, 25.3041, 7.6274
YIQ	132.0110, 26.6890, -26.6470

# Conversions

## Conversions Part 2

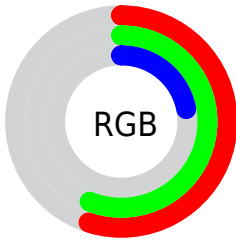
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 142, 58
Decimal	9276985
CIELab	57.37, -12.09, 44.06
CIELCh	57, 45.685, 105.349
Yxy	25.3041, 0.3938, 0.4658
Android (android.graphics.Color)	4287467065 (0xFF8D8E39)
YUV	132.0110, -36.9804, 7.8834
Hunter-Lab	50.3032, -12.1072, 26.2222

# Details

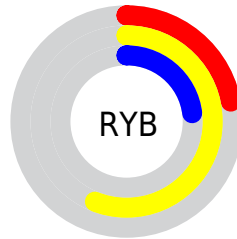
The Hex color **8D8E39** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A398E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C5C46C**, and **585C01** is the 20% darker color. If you saturate the color by 10%, you get **8D8E2B**, and if you desaturate by 10%, it is **8D8E47**.

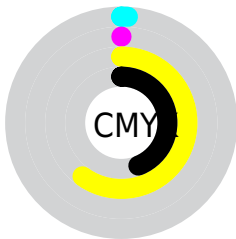
# Distribution



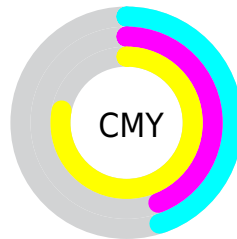
- Red (55%)
- Green (56%)
- Blue (22%)



- Red (22%)
- Yellow (56%)
- Blue (23%)



- Cyan (1%)
- Magenta (0%)
- Yellow (60%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D8E39 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 8D8E39 by changing the saturation by 10% instead.





8D8E39



8D8E39

FFFFFF



727520



C5C46C



585C01



E1DF86



3F4500



FFFCA1



262E00



FFFFBC



0A1B00



FFFFD8



000000



FFFFF5



8D8E39



8D8E39



8D8E2B



8D8E47

 8D8E1D

 8D8E55

 8C8E0E

 8E8E64

 8C8E00

 8E8E72

 8E8E80

 8E8E8E

 8E8E9C

 8E8EAB

 8F8EB9

# Harmonies

## Analogous

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



B1813B



8D8E39



60974F

# Triad

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



8D8E39



009BC2



C96A9F

# Complementary

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



8D8E39



3A398E

# 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.



A777C2



8D8E39



0094D6

# Square

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



8D8E39



009E9E



6B87D7



D56877

# Rectangle

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



8D8E39



379B67



6B87D7



C16EAC



# Sweetspot

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



8D8E39



B7B897



8E3939



5C5C48



DBDBDB



5C5C5C



# Same Dimension

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



8D8E39



B6B833



648E39



474740



868700



080800



# Inverse Universe

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



3A398E



3533B8



64398E



404047



020087



000008



# Previews

## White Background



This preview shows how the Hex color 8D8E39 looks on a white background.

## Color Contrast Check

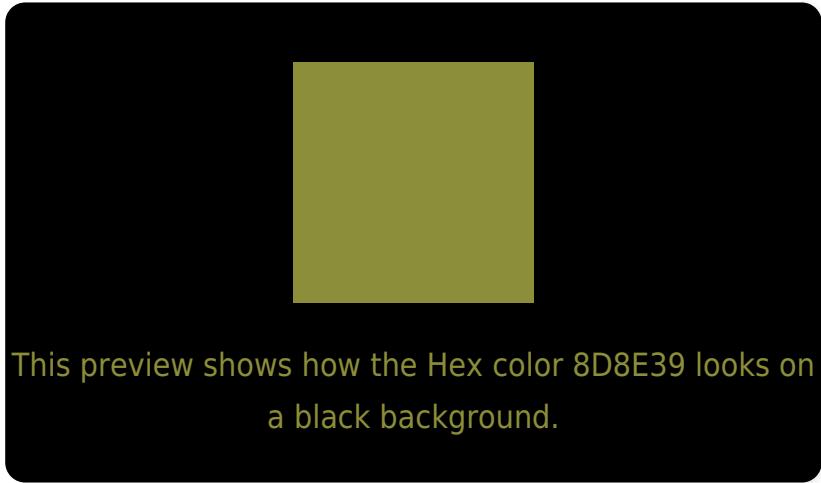
Large Text (above 18pt) WCAG AA ✓ Pass

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

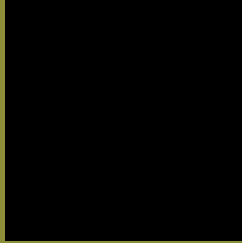
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D8E39 Background



This preview shows how black text looks on a background with the Hex color 8D8E39.



This preview shows how white text looks on a background with the Hex color 8D8E39.

# 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**  
8D8E39

**Protanopia**  
998A38

**Deuteranopia**  
AB833C



**Tritanopia**  
958590

# Trichromacy



**Original Color**  
8D8E39

**Protanomaly**  
958B38

**Deuteranomaly**  
A0873B

**Tritanomaly**  
928870

# Monochromacy



**Original Color**  
8D8E39

**Achromatopsia**  
848484

**Achromatomaly**  
878869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D8E39 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 #8D8E39 looks like.

```
.text, #text, p{  
    color:#8D8E39  
}
```

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 #8D8E39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D8E39
}
```

## Border

The CSS property to change the border of an element to Hex 8D8E39 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
#8D8E39 }
```

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

```
.border{ border-color:#8D8E39 }
```

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

Here you see how a box with a 4 pixel #8D8E39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D8E39; -webkit-box-shadow:4px 4px  
4px 4px #8D8E39; box-shadow:4px 4px 4px  
4px #8D8E39 }
```

# Background

The CSS property to change the background color of an element to Hex 8D8E39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D8E39 }
```

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

```
.background{ background-color:#8D8E39 }
```

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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