

# Converting Colors

Hex(8C8C37)

Have a look what the booklet for  
Hex(8C8C37) contains.

<b>Hex(8C8C37)</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(8C8C37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8C37
RGB	140, 140, 55
RGB Percent	55%, 55%, 22%
CMY	0.4510, 0.4510, 0.7843
CMYK	0.00, 0.00, 0.61, 0.45
HSL	60°, 44%, 38%
HSV	60°, 61%, 55%
XYZ	20.8829, 24.6075, 7.2635
YIQ	130.3100, 27.2850, -26.4350

# Conversions

## Conversions Part 2

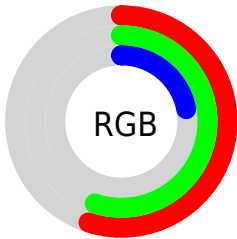
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 140, 55
Decimal	9210935
CIELab	56.69, -11.61, 44.22
CIELCh	57, 45.716, 104.718
Yxy	24.6075, 0.3959, 0.4665
Android (android.graphics.Color)	4287401015 (0xFF8C8C37)
YUV	130.3100, -37.1278, 8.4981
Hunter-Lab	49.6059, -11.6661, 26.0426

# Details

The Hex color **8C8C37** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **37378C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **C4C16A**, and **575A00** is the 20% darker color. If you saturate the color by 10%, you get **8C8C29**, and if you desaturate by 10%, it is **8C8C45**.

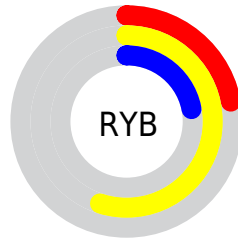
# Distribution



Red (55%)

Green (55%)

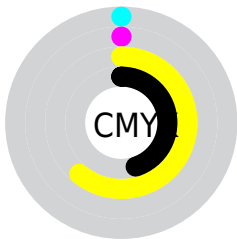
Blue (22%)



Red (22%)

Yellow (55%)

Blue (22%)

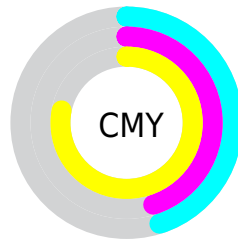


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8C37 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 8C8C37 by changing the saturation by 10% instead.





8C8C37



8C8C37

FFFFFF



71731D



C4C16A



575A00



E0DD84



3F4300



FEFA9F



252D00



FFFFBA



071900



FFFFD6



000000



FFFFFF3



8C8C37



8C8C37



8C8C29



8C8C45

 8C8C1B

 8C8C53

 8C8C0D

 8C8C61

 8C8C00

 8C8C6F

 8C8C7D

 8C8C8B

 8C8C99

 8C8CA7

 8C8CB5

# Harmonies

## Analogous

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



B07F39



8C8C37



5F954D

# Triad

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



8C8C37



0099BF



C7689E

# Complementary

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



8C8C37



37378C

# 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.



A476C1



8C8C37



0092D4

# Square

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



8C8C37



009C9B



6785D5



D36676

# Rectangle

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



8C8C37



369964



6785D5



BE6CAB



# Sweetspot

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



8C8C37



B5B594



8C3737



5C5C48



DBDBDB



5C5C5C



# Same Dimension

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



8C8C37



B5B531



628C37



45453E



858500



050500



# Inverse Universe

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



37378C



3131B5



62378C



3E3E45



000085



000005



# Previews

## White Background



This preview shows how the Hex color 8C8C37 looks on a white background.

## Color Contrast Check

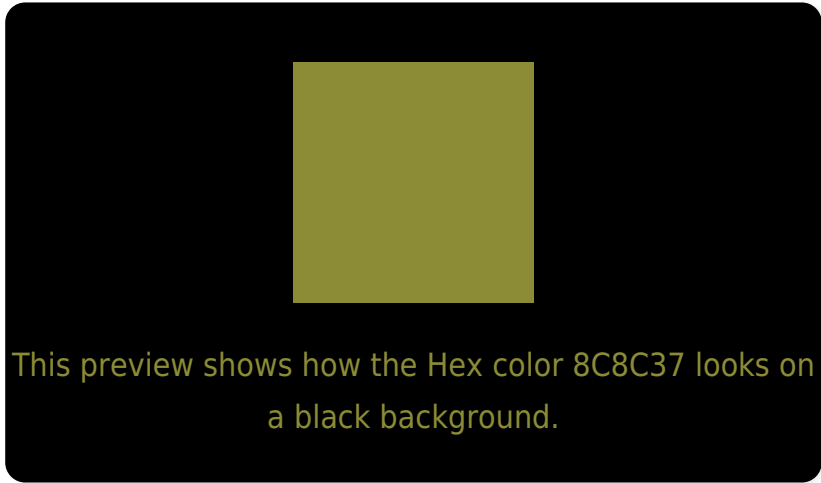
Large Text (above 18pt) WCAG AA ✓ Pass

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

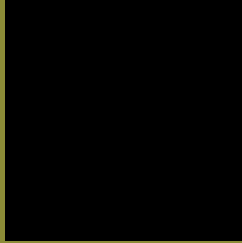
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8C37 Background



This preview shows how black text looks on a background with the Hex color 8C8C37.



This preview shows how white text looks on a background with the Hex color 8C8C37.

# 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**  
8C8C37

**Protanopia**  
988836

**Deuteranopia**  
A9813A



**Tritanopia**  
94838E

# Trichromacy



**Original Color**  
8C8C37

**Protanomaly**  
948936

**Deuteranomaly**  
9E8539

**Tritanomaly**  
91866E

# Monochromacy



**Original Color**  
8C8C37

**Achromatopsia**  
828282

**Achromatomaly**  
868667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8C37 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 #8C8C37 looks like.

```
.text, #text, p{  
    color:#8C8C37  
}
```

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 #8C8C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8C37
}
```

## Border

The CSS property to change the border of an element to Hex 8C8C37 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
#8C8C37 }
```

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

```
.border{ border-color:#8C8C37 }
```

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

Here you see how a box with a 4 pixel #8C8C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8C37; -webkit-box-shadow:4px 4px  
4px 4px #8C8C37; box-shadow:4px 4px 4px  
4px #8C8C37 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8C37 }
```

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

```
.background{ background-color:#8C8C37 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor