

# Converting Colors

Hex(868C37)

Have a look what the booklet for  
Hex(868C37) contains.

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**Color**

**Hex(868C37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	868C37
RGB	134, 140, 55
RGB Percent	53%, 55%, 22%
CMY	0.4745, 0.4510, 0.7843
CMYK	0.04, 0.00, 0.61, 0.45
HSL	64°, 44%, 38%
HSV	64°, 61%, 55%
XYZ	19.8992, 24.1003, 7.2175
YIQ	128.5160, 23.7090, -27.7070

# Conversions

## Conversions Part 2

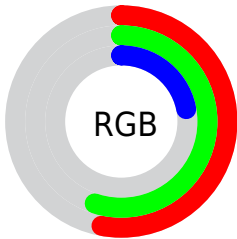
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 140, 61
Decimal	8817719
CIELab	56.19, -14.26, 43.52
CIELCh	56, 45.798, 108.143
Yxy	24.1003, 0.3885, 0.4706
Android (android.graphics.Color)	4287007799 (0xFF868C37)
YUV	128.5160, -36.2434, 4.8095
Hunter-Lab	49.0921, -13.5572, 25.6477

# Details

The Hex color **868C37** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3D378C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BDC169**, and **525A00** is the 20% darker color. If you saturate the color by 10%, you get **858C29**, and if you desaturate by 10%, it is **878C45**.

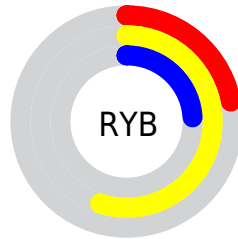
# Distribution



Red (53%)

Green (55%)

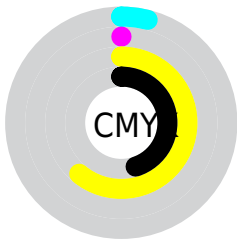
Blue (22%)



Red (22%)

Yellow (55%)

Blue (24%)

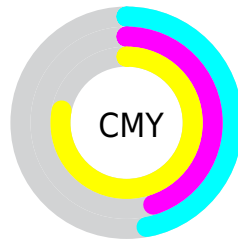


Cyan (4%)

Magenta (0%)

Yellow (61%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 868C37 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 868C37 by changing the saturation by 10% instead.



 868C37

 868C37

FFFFFF

 6B731E

 BDC169

 525A00

 DADD84

 394300

 F7FA9E

 202D00

 FFFFBA

 001900

 FFFFD6

 000000

 FFFFF3

 868C37

 868C37

 858C29

 878C45

■ 848C1B

■ 888C53

■ 838C0D

■ 898C61

■ 828C00

■ 8A8C6F

■ 8B8C7D

■ 8C8C8B

■ 8D8C99

■ 8E8CA7

■ 8F8CB5

# Harmonies

## Analogous

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



AB7F36



868C37



58954F

# Triad

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



868C37



0098C1



C86698

# Complementary

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



868C37



3D378C

# 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.



A873BC



868C37



0090D4

# Square

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



868C37



009B9E



6E82D2



D16570

# Rectangle

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



868C37



2A9868



6E82D2



C069A5



# Sweetspot

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



868C37



B3B594



8C3D37



5A5C48



DBDBDB



5C5C5C



# Same Dimension

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



868C37



ACB531



5C8C37



44453E



7B8500



050500



# Inverse Universe

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



3D378C



3A31B5



67378C



3E3E45



090085



000005



# Previews

## White Background



This preview shows how the Hex color 868C37 looks on a white background.

## Color Contrast Check

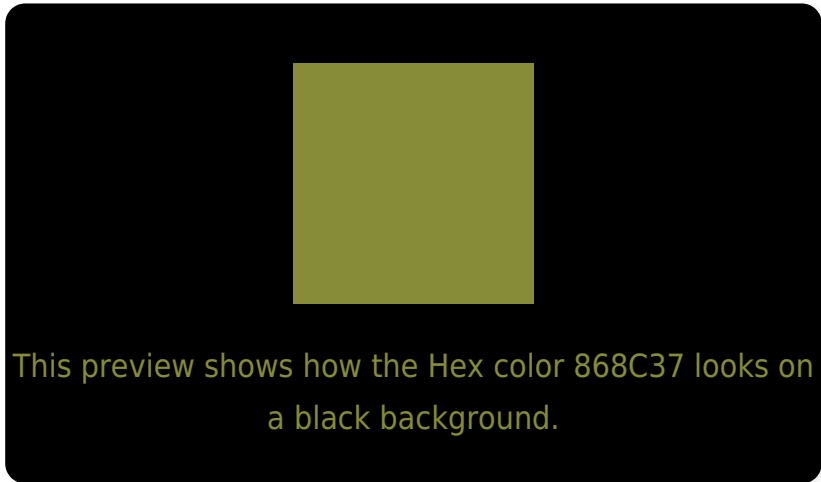
Large Text (above 18pt) WCAG AA ✓ Pass

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

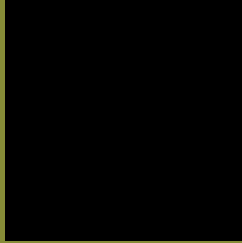
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 868C37 Background



This preview shows how black text looks on a background with the Hex color 868C37.



This preview shows how white text looks on a background with the Hex color 868C37.

# 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](#).

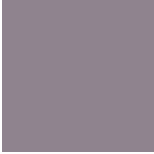
## Dichromacy



**Original Color**  
868C37

**Protanopia**  
968736

**Deuteranopia**  
A7803B



**Tritanopia**  
8F838E

# Trichromacy



**Original Color**  
868C37

**Protanomaly**  
908936

**Deuteranomaly**  
9B843A

**Tritanomaly**  
8C866E

# Monochromacy



**Original Color**  
868C37

**Achromatopsia**  
818181

**Achromatomaly**  
838566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 868C37 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 #868C37 looks like.

```
.text, #text, p{  
    color:#868C37  
}
```

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 #868C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #868C37
}
```

## Border

The CSS property to change the border of an element to Hex 868C37 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
#868C37 }
```

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

```
.border{ border-color:#868C37 }
```

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

Here you see how a box with a 4 pixel #868C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #868C37; -webkit-box-shadow:4px 4px  
4px 4px #868C37; box-shadow:4px 4px 4px  
4px #868C37 }
```

# Background

The CSS property to change the background color of an element to Hex 868C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#868C37 }
```

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

```
.background{ background-color:#868C37 }
```

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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