

# Converting Colors

Hex(866C39)

Have a look what the booklet for  
Hex(866C39) contains.

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**Color**

**Hex(866C39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866C39
RGB	134, 108, 57
RGB Percent	53%, 42%, 22%
CMY	0.4745, 0.5765, 0.7765
CMYK	0.00, 0.19, 0.57, 0.47
HSL	40°, 40%, 37%
HSV	40°, 57%, 53%
XYZ	15.9326, 16.0889, 6.1366
YIQ	109.9600, 31.8670, -10.3490

# Conversions

## Conversions Part 2

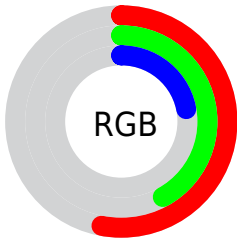
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 134, 57
Decimal	8809529
CIELab	47.09, 3.75, 32.10
CIELCh	47, 32.314, 83.344
Yxy	16.0889, 0.4175, 0.4216
Android (android.graphics.Color)	4286999609 (0xFF866C39)
YUV	109.9600, -26.1093, 21.0831
Hunter-Lab	40.1109, 0.7085, 19.0068

# Details

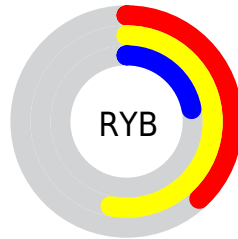
The Hex color **866C39** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **395386**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BD9F6A**, and **523D0B** is the 20% darker color. If you saturate the color by 10%, you get **86672C**, and if you desaturate by 10%, it is **867146**.

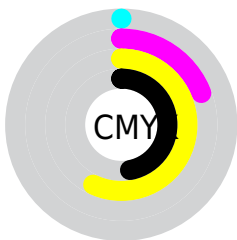
# Distribution



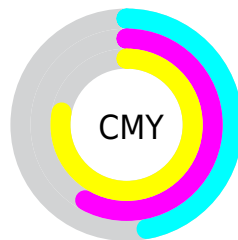
- Red (53%)
- Green (42%)
- Blue (22%)



- Red (38%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (57%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866C39 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 866C39 by changing the saturation by 10% instead.





866C39



866C39

FFFFFF



6B5422



BD9F6A



523D0B



DABA83



392700



F7D69D



211300



FFF2B9



000000



FFFFD4



FFFFF1



866C39



866C39



86672C



867146

 86631E

 867554

 865E11

 867A61

 865A03

 867E6F

 865900

 86837C

 868789

 868C97

 8690A4

 8695B2

# Harmonies

## Analogous

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



9A6245



866C39



6B753C

# Triad

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



866C39



007E84



8C6190

# Complementary

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



866C39



395386

# 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.



696BA1



866C39



007B9B

# Square

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



866C39



1F7D68



3774A5



9F5A77

# Rectangle

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



866C39



577947



3774A5



826497



# Sweetspot

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



866C39



ADA390



863954



575145



D6D6D6



575757



# Same Dimension

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



866C39



AD8536



7A8639



42403C



825600



030200



# Inverse Universe

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



395386



365EAD



453986



3C3E42



002C82



000103



# Previews

## White Background



This preview shows how the Hex color 866C39 looks on a white background.

## Color Contrast Check

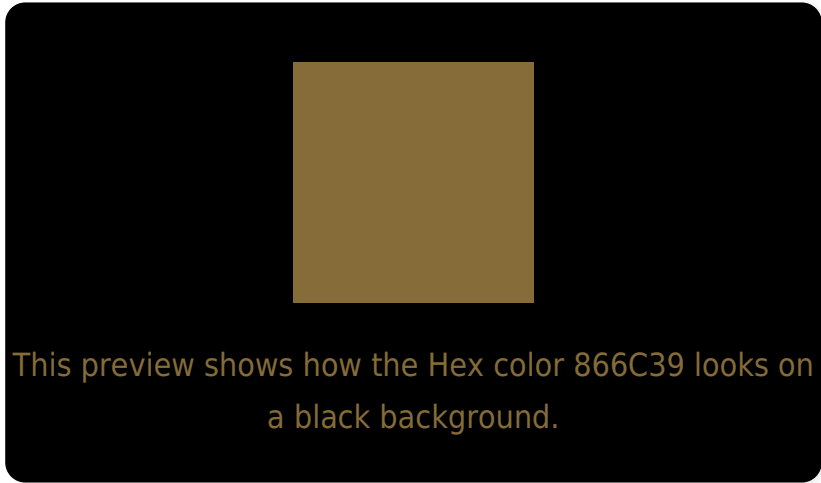
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

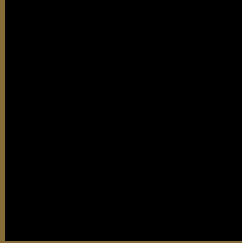
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 866C39 Background



This preview shows how black text looks on a background with the Hex color 866C39.



This preview shows how white text looks on a background with the Hex color 866C39.

# 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**  
866C39

**Protanopia**  
7B703A

**Deuteranopia**  
896B39



**Tritanopia**  
8A666E

# Trichromacy



**Original Color**  
866C39

**Protanomaly**  
7F6F3A

**Deuteranomaly**  
886B39

**Tritanomaly**  
89685B

# Monochromacy



**Original Color**  
866C39

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
776D5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866C39 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 #866C39 looks like.

```
.text, #text, p{  
    color:#866C39  
}
```

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 #866C39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866C39
}
```

## Border

The CSS property to change the border of an element to Hex 866C39 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
#866C39 }
```

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

```
.border{ border-color:#866C39 }
```

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

Here you see how a box with a 4 pixel #866C39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866C39; -webkit-box-shadow:4px 4px  
4px 4px #866C39; box-shadow:4px 4px 4px  
4px #866C39 }
```

# Background

The CSS property to change the background color of an element to Hex 866C39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866C39 }
```

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

```
.background{ background-color:#866C39 }
```

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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