

# Converting Colors

Hex(866A37)

Have a look what the booklet for  
Hex(866A37) contains.

<b>Hex(866A37)</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(866A37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866A37
RGB	134, 106, 55
RGB Percent	53%, 42%, 22%
CMY	0.4745, 0.5843, 0.7843
CMYK	0.00, 0.21, 0.59, 0.47
HSL	39°, 42%, 37%
HSV	39°, 59%, 53%
XYZ	15.6751, 15.6522, 5.8094
YIQ	108.5580, 33.0590, -9.9250

# Conversions

## Conversions Part 2

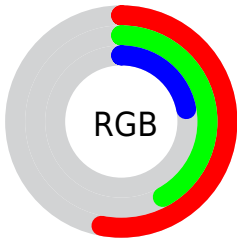
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 134, 55
Decimal	8809015
CIELab	46.51, 4.74, 32.49
CIELCh	47, 32.834, 81.708
Yxy	15.6522, 0.4221, 0.4215
Android (android.graphics.Color)	4286999095 (0xFF866A37)
YUV	108.5580, -26.4041, 22.3126
Hunter-Lab	39.5629, 1.4880, 18.9879

# Details

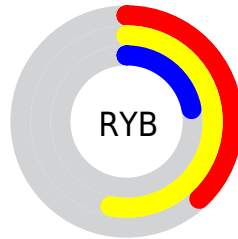
The Hex color **866A37** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **375386**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BD9D67**, and **523B08** is the 20% darker color. If you saturate the color by 10%, you get **86652A**, and if you desaturate by 10%, it is **866F44**.

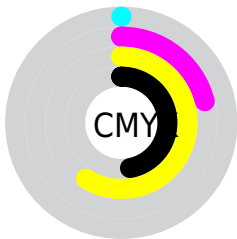
# Distribution



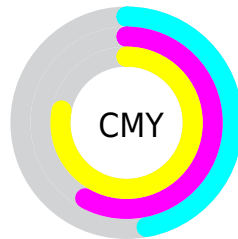
- Red (53%)
- Green (42%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (47%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 866A37 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 866A37 by changing the saturation by 10% instead.





866A37



866A37

FFFFFF



6B5220



BD9D67



523B08



DAB881



392500



F7D49B



211100



FFF0B6



000000



FFFFD2



FFFFEF



866A37



866A37



86652A



866F44


 86611C

 867352

 865C0F

 86785F

 865701

 867D6D

 865700

 86827A

 868687

 868B95

 8690A2

 8695B0

# Harmonies

## Analogous

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



9A6044



866A37



6B733A

# Triad

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



866A37



007C82



896091

# Complementary

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



866A37



375386

# 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.



656AA1



866A37



007A99

# Square

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



866A37



1E7C65



3073A4



9E5977

# Rectangle

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



866A37



577744



3073A4



7F6397



# Sweetspot

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



866A37



ADA28E



863754



575044



D6D6D6



575757



# Same Dimension

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



866A37



AD8232



7B8637



42403C



825400



030200



# Inverse Universe

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



375386



325EAD



423786



3C3E42



002E82



000103



# Previews

## White Background



This preview shows how the Hex color 866A37 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

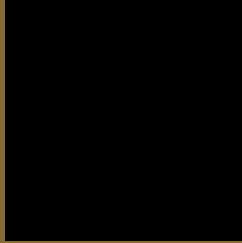
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 866A37 Background



This preview shows how black text looks on a background with the Hex color 866A37.



This preview shows how white text looks on a background with the Hex color 866A37.

# 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**  
866A37

**Protanopia**  
7A6F39

**Deuteranopia**  
886937



**Tritanopia**  
8A646C

# Trichromacy



**Original Color**  
866A37

**Protanomaly**  
7E6D38

**Deuteranomaly**  
876937

**Tritanomaly**  
896659

# Monochromacy



**Original Color**  
866A37

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
766C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866A37 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 #866A37 looks like.

```
.text, #text, p{  
    color:#866A37  
}
```

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 #866A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866A37
}
```

## Border

The CSS property to change the border of an element to Hex 866A37 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
#866A37 }
```

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

```
.border{ border-color:#866A37 }
```

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

Here you see how a box with a 4 pixel #866A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866A37; -webkit-box-shadow:4px 4px  
4px 4px #866A37; box-shadow:4px 4px 4px  
4px #866A37 }
```

# Background

The CSS property to change the background color of an element to Hex 866A37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866A37 }
```

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

```
.background{ background-color:#866A37 }
```

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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