

# Converting Colors

Hex(866D38)

Have a look what the booklet for  
Hex(866D38) contains.

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**Color**

**Hex(866D38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866D38
RGB	134, 109, 56
RGB Percent	53%, 43%, 22%
CMY	0.4745, 0.5725, 0.7804
CMYK	0.00, 0.19, 0.58, 0.47
HSL	41°, 41%, 37%
HSV	41°, 58%, 53%
XYZ	16.0140, 16.2911, 6.0419
YIQ	110.4330, 31.9130, -11.1830

# Conversions

## Conversions Part 2

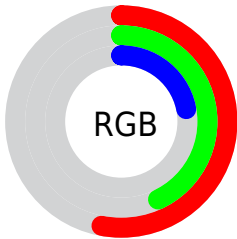
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 134, 56
Decimal	8809784
CIELab	47.35, 3.08, 32.95
CIElCh	47, 33.091, 84.661
Yxy	16.2911, 0.4176, 0.4248
Android (android.graphics.Color)	4286999864 (0xFF866D38)
YUV	110.4330, -26.8355, 20.6683
Hunter-Lab	40.3623, 0.1869, 19.3784

# Details

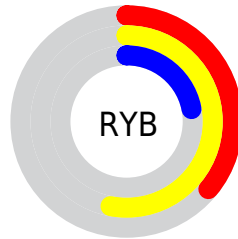
The Hex color **866D38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **385186**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **BDA069**, and **523E09** is the 20% darker color. If you saturate the color by 10%, you get **86692B**, and if you desaturate by 10%, it is **867145**.

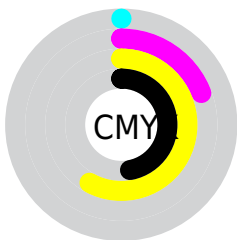
# Distribution



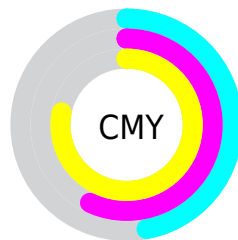
- Red (53%)
- Green (43%)
- Blue (22%)



- Red (36%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (58%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866D38 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 866D38 by changing the saturation by 10% instead.



 866D38

 866D38

FFFFFF

 6B5521

 BDA069

 523E09

 DABB82

 392800

 F7D79C

 211400

 FFF3B8

 000000

 FFFFD3

 FFFFF0

 866D38

 866D38

 86692B

 867145

■ 86641D

■ 867653

■ 866010

■ 867A60

■ 865C02

■ 867E6E

■ 865B00

■ 86827B

■ 868788

■ 868B96

■ 868FA3

■ 8694B1

# Harmonies

## Analogous

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



9B6344



866D38



6A763C

# Triad

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



866D38



007E87



8E6191

# Complementary

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



866D38



385186

# 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.



6B6BA3



866D38



007B9D

# Square

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



866D38



197E6A



3875A7



A25A76

# Rectangle

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



866D38



557A47



3875A7



846498



# Sweetspot

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



866D38



ADA490



863852



575145



D6D6D6



575757



# Same Dimension

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



866D38



AD8634



798638



42403C



825800



030200



# Inverse Universe

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



385186



345BAD



453886



3C3E42



002A82



000103



# Previews

## White Background



This preview shows how the Hex color 866D38 looks on a white background.

## Color Contrast Check

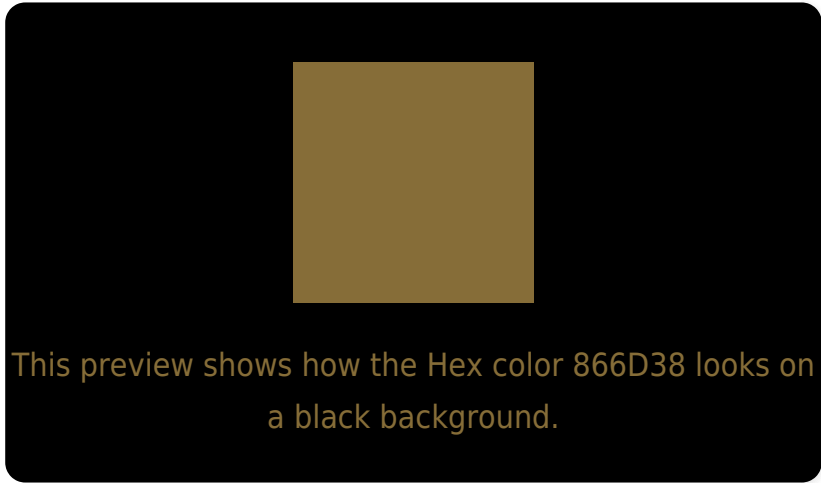
Large Text (above 18pt) WCAG AA ✓ Pass

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

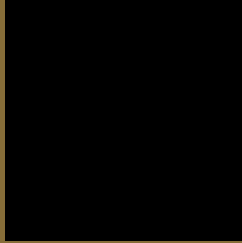
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 866D38 Background



This preview shows how black text looks on a background with the Hex color 866D38.



This preview shows how white text looks on a background with the Hex color 866D38.

# 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**  
866D38

**Protanopia**  
7C7139

**Deuteranopia**  
8A6B38



**Tritanopia**  
8B676F

# Trichromacy



**Original Color**  
866D38

**Protanomaly**  
807039

**Deuteranomaly**  
896C38

**Tritanomaly**  
89695B

# Monochromacy



**Original Color**  
866D38

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
776E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866D38 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 #866D38 looks like.

```
.text, #text, p{  
    color:#866D38  
}
```

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 #866D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866D38
}
```

## Border

The CSS property to change the border of an element to Hex 866D38 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
#866D38 }
```

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

```
.border{ border-color:#866D38 }
```

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

Here you see how a box with a 4 pixel #866D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866D38; -webkit-box-shadow:4px 4px  
4px 4px #866D38; box-shadow:4px 4px 4px  
4px #866D38 }
```

# Background

The CSS property to change the background color of an element to Hex 866D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866D38 }
```

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

```
.background{ background-color:#866D38 }
```

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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