

# Converting Colors

Hex(876639)

Have a look what the booklet for  
Hex(876639) contains.

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**Color**

**Hex(876639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876639
RGB	135, 102, 57
RGB Percent	53%, 40%, 22%
CMY	0.4706, 0.6000, 0.7765
CMYK	0.00, 0.24, 0.58, 0.47
HSL	35°, 41%, 38%
HSV	35°, 58%, 53%
XYZ	15.4816, 14.9490, 5.9404
YIQ	106.7370, 34.1130, -6.9990

# Conversions

## Conversions Part 2

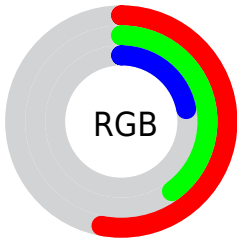
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 135, 57
Decimal	8873529
CIE Lab	45.56, 7.70, 30.29
CIE LCh	46, 31.254, 75.739
Yxy	14.9490, 0.4257, 0.4110
Android (android.graphics.Color)	4287063609 (0xFF876639)
YUV	106.7370, -24.5203, 24.7867
Hunter-Lab	38.6640, 3.8117, 17.9554

# Details

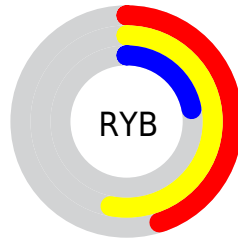
The Hex color **876639** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **395A87**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **BE9969**, and **52370C** is the 20% darker color. If you saturate the color by 10%, you get **87602B**, and if you desaturate by 10%, it is **876C46**.

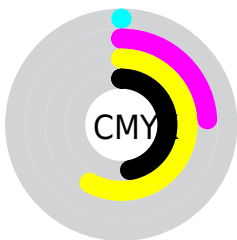
# Distribution



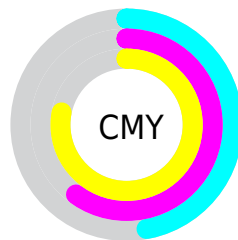
- Red (53%)
- Green (40%)
- Blue (22%)



- Red (45%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (24%)
- Yellow (58%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876639 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 876639 by changing the saturation by 10% instead.



 876639

 876639

FFFFFF

 6C4E22

 BE9969

 52370C

 DBB483

 3A2200

 F8CF9D

 210D00

 FFEBB8

 000000

 FFFFD4

 FFFFF0

 876639

 876639

 87602B

 876C46

■ 875B1E

■ 877154

■ 875510

■ 877761

■ 874F03

■ 877D6F

■ 874E00

■ 87837D

■ 87888A

■ 878E98

■ 8794A5

■ 8799B3

# Harmonies

## Analogous

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



985D48



876639



6F6F38

# Triad

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



876639



007A79



806090

# Complementary

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



876639



395A87

# 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.



5B6A9E



876639



007791

# Square

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



876639



2C795E



26729E



965879

# Rectangle

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



876639



5C7340



26729E



756396



# Sweetspot

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



876639



B0A392



87395B



595247



D9D9D9



595959



# Same Dimension

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



876639



B07D37



828739



423F3C



824B00



030100



# Inverse Universe

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



395A87



376AB0



3E3987



3C3E42



003782

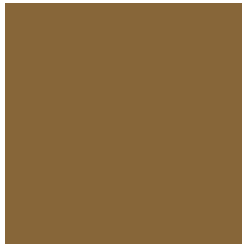


000103



# Previews

## White Background



This preview shows how the Hex color 876639 looks on a white background.

## Color Contrast Check

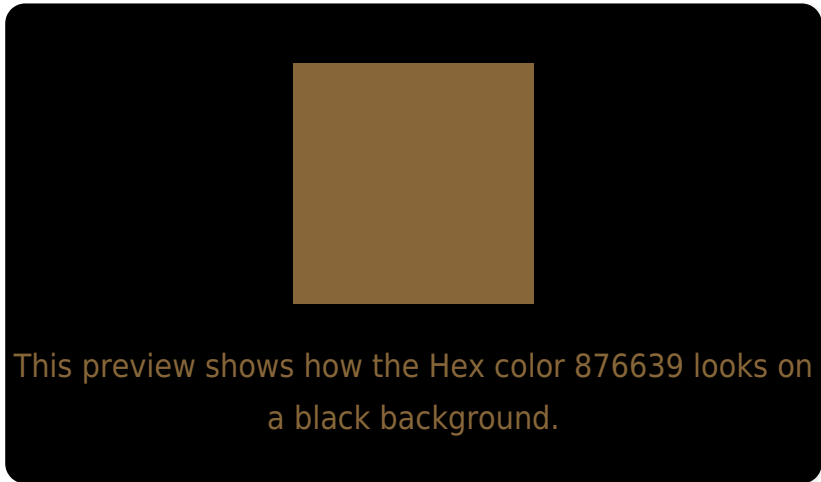
Large Text (above 18pt) WCAG AA ✓ Pass

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

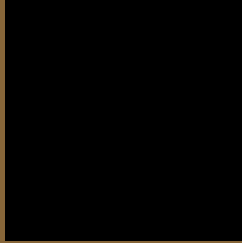
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876639 Background



This preview shows how black text looks on a background with the Hex color 876639.



This preview shows how white text looks on a background with the Hex color 876639.

# 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**  
876639

**Protanopia**  
776C3B

**Deuteranopia**  
856739



**Tritanopia**  
8B6168

# Trichromacy



**Original Color**  
876639

**Protanomaly**  
7D6A3A

**Deuteranomaly**  
866739

**Tritanomaly**  
8A6357

# Monochromacy



**Original Color**  
876639

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
756959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876639 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 #876639 looks like.

```
.text, #text, p{  
    color:#876639  
}
```

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 #876639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876639
}
```

## Border

The CSS property to change the border of an element to Hex 876639 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
#876639 }
```

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

```
.border{ border-color:#876639 }
```

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

Here you see how a box with a 4 pixel #876639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876639; -webkit-box-shadow:4px 4px  
4px 4px #876639; box-shadow:4px 4px 4px  
4px #876639 }
```

# Background

The CSS property to change the background color of an element to Hex 876639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876639 }
```

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

```
.background{ background-color:#876639 }
```

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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