

# Converting Colors

Hex(876849)

Have a look what the booklet for  
Hex(876849) contains.

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**Color**

**Hex(876849)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876849
RGB	135, 104, 73
RGB Percent	53%, 41%, 29%
CMY	0.4706, 0.5922, 0.7137
CMYK	0.00, 0.23, 0.46, 0.47
HSL	30°, 30%, 41%
HSV	30°, 46%, 53%
XYZ	16.1446, 15.5326, 8.4505
YIQ	109.7350, 28.4270, -3.0690

# Conversions

## Conversions Part 2

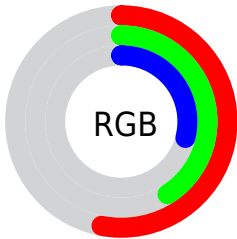
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 135, 73
Decimal	8874057
CIELab	46.36, 8.13, 22.20
CIELCh	46, 23.641, 69.876
Yxy	15.5326, 0.4023, 0.3871
Android (android.graphics.Color)	4287064137 (0xFF876849)
YUV	109.7350, -18.1104, 22.1574
Hunter-Lab	39.4114, 4.1513, 14.8751

# Details

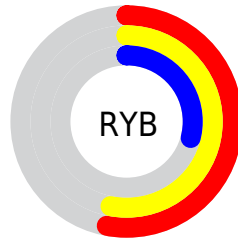
The Hex color **876849** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **496887**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BE9B7A**, and **53391C** is the 20% darker color. If you saturate the color by 10%, you get **87613B**, and if you desaturate by 10%, it is **876F56**.

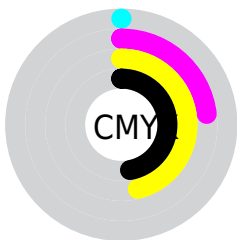
# Distribution



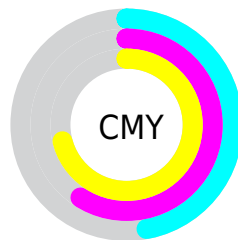
- Red (53%)
- Green (41%)
- Blue (29%)



- Red (53%)
- Yellow (53%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876849 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 876849 by changing the saturation by 10% instead.





876849



876849

FFFFFF



6D5032



BE9B7A



53391C



DAB694



3B2305



F7D2AF



240F00



FFEECA



000000



FFFFE6



876849



876849



87613B



876F56



875B2E



877664

■ 875421

■ 877C72

■ 874D13

■ 87837F

■ 874606

■ 878A8D

■ 874400

■ 87919A

■ 8797A8

■ 879EB5

■ 87A5C3

# Harmonies

## Analogous

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



936255



876849



756F46

# Triad

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



876849



327974



79668C

# Complementary

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



876849



496887

# 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.



5D6D95



876849



2B7787

# Square

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



876849



487860



3F7493



8C617C

# Rectangle

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



876849



67734B



3F7493



706990



# Sweetspot

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



876849



B0A497



874968



59524A



D9D9D9



595959



# Same Dimension

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



876849



B0804F



878749



423F3C



824100



030100



# Inverse Universe

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



496887



4F80B0



494987



3C3F42



004182

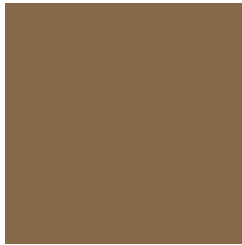


000103



# Previews

## White Background



This preview shows how the Hex color 876849 looks on a white background.

## Color Contrast Check

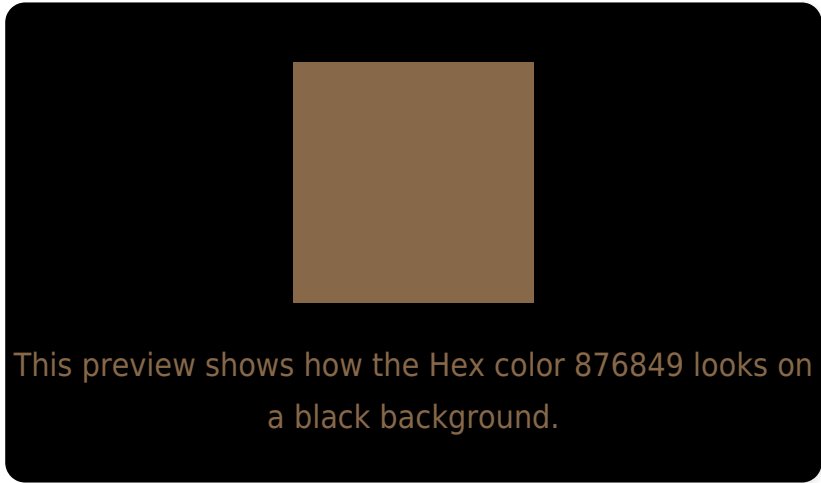
Large Text (above 18pt) WCAG AA ✓ Pass

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

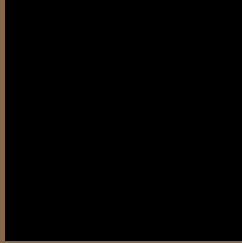
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876849 Background



This preview shows how black text looks on a background with the Hex color 876849.



This preview shows how white text looks on a background with the Hex color 876849.

# 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**  
876849

**Protanopia**  
776E4B

**Deuteranopia**  
846949



**Tritanopia**  
8A646B

# Trichromacy



**Original Color**  
876849

**Protanomaly**  
7D6C4A

**Deuteranomaly**  
856949

**Tritanomaly**  
89655F

# Monochromacy



**Original Color**  
876849

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
776C61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876849 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 #876849 looks like.

```
.text, #text, p{  
    color:#876849  
}
```

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 #876849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876849
}
```

## Border

The CSS property to change the border of an element to Hex 876849 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
#876849 }
```

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

```
.border{ border-color:#876849 }
```

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

Here you see how a box with a 4 pixel #876849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876849; -webkit-box-shadow:4px 4px  
4px 4px #876849; box-shadow:4px 4px 4px  
4px #876849 }
```

# Background

The CSS property to change the background color of an element to Hex 876849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876849 }
```

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

```
.background{ background-color:#876849 }
```

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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