

# Converting Colors

Hex(846343)

Have a look what the booklet for  
Hex(846343) contains.

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**Color**

**Hex(846343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846343
RGB	132, 99, 67
RGB Percent	52%, 39%, 26%
CMY	0.4824, 0.6118, 0.7373
CMYK	0.00, 0.25, 0.49, 0.48
HSL	30°, 33%, 39%
HSV	30°, 49%, 52%
XYZ	14.9907, 14.2345, 7.2676
YIQ	105.2190, 29.9400, -2.9560

# Conversions

## Conversions Part 2

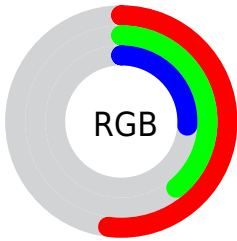
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 130, 67
Decimal	8676163
CIE <sub>Lab</sub>	44.57, 9.08, 23.30
CIE <sub>LCh</sub>	45, 25.004, 68.709
Yxy	14.2345, 0.4108, 0.3901
Android (android.graphics.Color)	4286866243 (0xFF846343)
YUV	105.2190, -18.8420, 23.4869
Hunter-Lab	37.7286, 4.8983, 14.9890

# Details

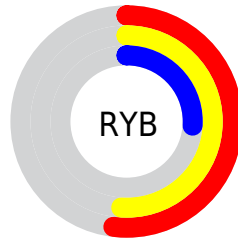
The Hex color **846343** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **436484**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BB9674**, and **503417** is the 20% darker color. If you saturate the color by 10%, you get **845C36**, and if you desaturate by 10%, it is **846A50**.

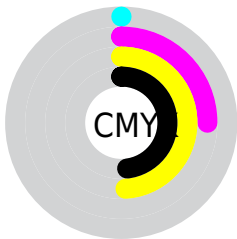
# Distribution



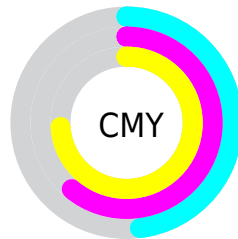
- Red (52%)
- Green (39%)
- Blue (26%)



- Red (52%)
- Yellow (51%)
- Blue (26%)



- Cyan (0%)
- Magenta (25%)
- Yellow (49%)
- Black (48%)



- Cyan (48%)
- Magenta (61%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846343 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 846343 by changing the saturation by 10% instead.





846343



846343

FFFFFF



6A4B2C



BB9674



503417



D7B08D



381F00



F4CCA8



210900



FFE8C3



000000



FFFFDF



FFFFFC



846343



846343



845C36



846A50

■ 845629

■ 84705D

■ 844F1B

■ 84776B

■ 84480E

■ 847E78

■ 844101

■ 848585

■ 844100

■ 848B92

■ 84929F

■ 8499AD

■ 849FBA

# Harmonies

## Analogous

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



905C50



846343



716A40

# Triad

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



846343



27756F



74628A

# Complementary

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



846343



436484

# 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.



566992



846343



1B7383

# Square

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



846343



41735A



347090



895C79

# Rectangle

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



846343



636E44



347090



6B648E



# Sweetspot

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



846343



AB9E91



844365



574F47



D6D6D6



575757



# Same Dimension

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



846343



AB7846



848343



423F3C



824000



030100



# Inverse Universe

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



436484



4679AB



434484



3C3F42



004282

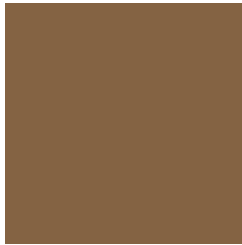


000103



# Previews

## White Background



This preview shows how the Hex color 846343 looks on a white background.

## Color Contrast Check

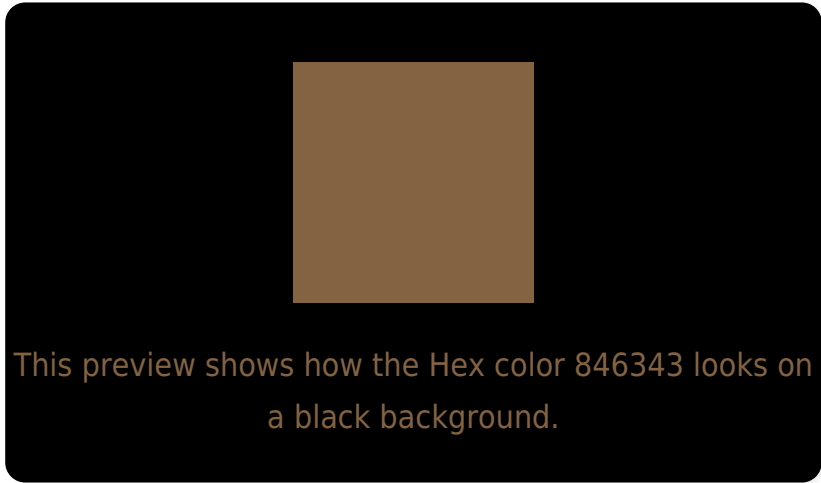
Large Text (above 18pt) WCAG AA ✓ Pass

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

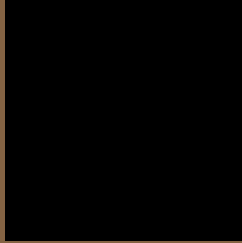
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 846343 Background



This preview shows how black text looks on a background with the Hex color 846343.



This preview shows how white text looks on a background with the Hex color 846343.

# 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**  
846343

**Protanopia**  
736A46

**Deuteranopia**  
806543



**Tritanopia**  
875F66

# Trichromacy



**Original Color**  
846343

**Protanomaly**  
796745

**Deuteranomaly**  
816443

**Tritanomaly**  
866059

# Monochromacy



**Original Color**  
846343

**Achromatopsia**  
696969

**Achromatomaly**  
73675B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846343 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 #846343 looks like.

```
.text, #text, p{  
    color:#846343  
}
```

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 #846343 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846343
}
```

## Border

The CSS property to change the border of an element to Hex 846343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

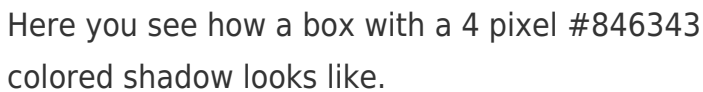
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846343 }
```

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

```
.border{ border-color:#846343 }
```

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



Here you see how a box with a 4 pixel #846343 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846343; -webkit-box-shadow:4px 4px  
4px 4px #846343; box-shadow:4px 4px 4px  
4px #846343 }
```

# Background

The CSS property to change the background color of an element to Hex 846343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846343 }
```

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

```
.background{ background-color:#846343 }
```

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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