

Converting Colors

Hex(836844)

Have a look what the booklet for
Hex(836844) contains.

Hex(836844)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(836844)

Conversions

Conversions Part 1

Format	Color
Hex	836844
RGB	131, 104, 68
RGB Percent	51%, 41%, 27%
CMY	0.4863, 0.5922, 0.7333
CMYK	0.00, 0.21, 0.48, 0.49
HSL	34°, 32%, 39%
HSV	34°, 48%, 51%
XYZ	15.3538, 15.1433, 7.5826
YIQ	107.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

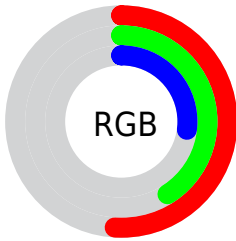
Format	Color
R_{YB}	115, 131, 68
Decimal	8611908
CIE Lab	45.83, 5.80, 24.32
CIE LCh	46, 25.002, 76.583
Yxy	15.1433, 0.4032, 0.3977
Android (android.graphics.Color)	4286801988 (0xFF836844)
YUV	107.9690, -19.7047, 20.1982
Hunter-Lab	38.9144, 2.3275, 15.6873

Details

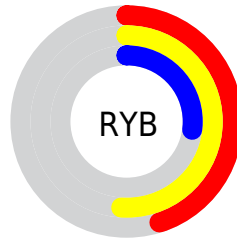
The Hex color **836844** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **445F83**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B99B75**, and **503918** is the 20% darker color. If you saturate the color by 10%, you get **836237**, and if you desaturate by 10%, it is **836E51**.

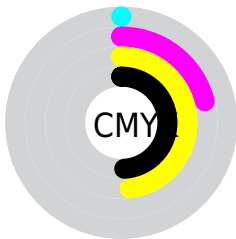
Distribution



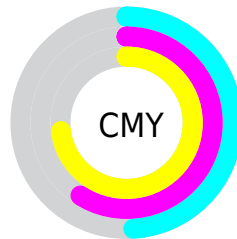
- Red (51%)
- Green (41%)
- Blue (27%)



- Red (45%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836844 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 836844 by changing the saturation by 10% instead.

 836844

 836844

FFFFFF

 69502D

 B99B75

 503918

 D6B68E

 382400

 F3D1A9

 200F00

 FFEEC4

 000000

 FFFFEO

FFFFFFD

 836844

 836844

 836237

 836E51

■ 835D2A

■ 83735E

■ 83571D

■ 83796B

■ 835210

■ 837E78

■ 834C03

■ 838485

■ 834B00

■ 838A93

■ 838FA0

■ 8395AD

■ 839BBA

Harmonies

Analogous

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



91614F



836844



6F6F44

Triad

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



836844



267878



7E6389

Complementary

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



836844



445F83

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.



626B94



836844



24768A

Square

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



836844



3E7762



407195



905E77

Rectangle

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



836844



60734A



407195



75658E

Sweetspot

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



836844



ABA193



83445F



575048



D6D6D6



575757

Same Dimension

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



836844



AB8048



7F8344



423F3C



824A00



030100

Inverse Universe

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



445F83



4872AB



484483



3C3F42



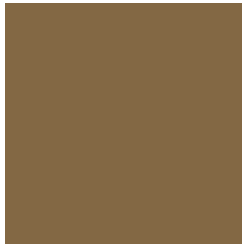
003882



000103

Previews

White Background



This preview shows how the Hex color 836844 looks on a white background.

Color Contrast Check

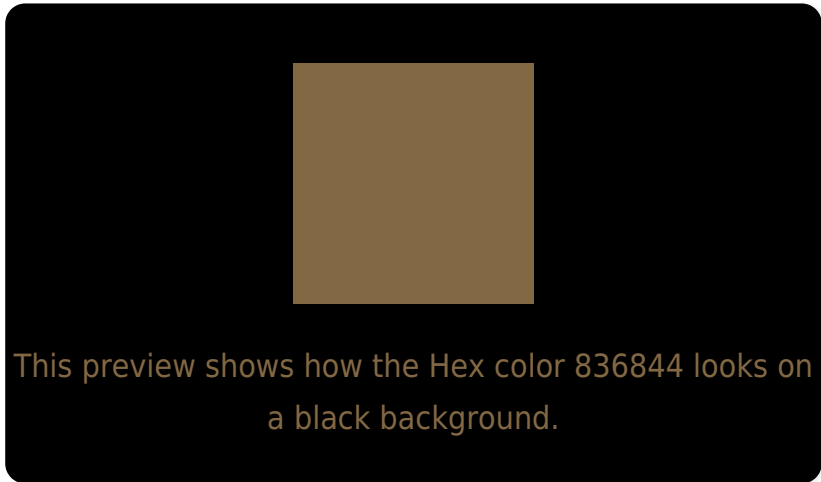
Large Text (above 18pt) WCAG AA ✓ Pass

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

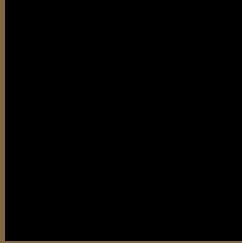
Any Text WCAG AA × Fail

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 836844 Background



This preview shows how black text looks on a background with the Hex color 836844.



This preview shows how white text looks on a background with the Hex color 836844.

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
836844

Protanopia
766D46

Deuteranopia
836844



Tritanopia
87636B

Trichromacy



Original Color
836844

Protanomaly
7B6B45

Deuteranomaly
836844

Tritanomaly
86655D

Monochromacy



Original Color
836844

Achromatopsia
6C6C6C

Achromatomaly
746B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 836844 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 #836844 looks like.

```
.text, #text, p{  
    color:#836844  
}
```

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 #836844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836844  
}
```

Border

The CSS property to change the border of an element to Hex 836844 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  
#836844 }
```

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

```
.border{ border-color:#836844 }
```

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

Here you see how a box with a 4 pixel #836844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836844; -webkit-box-shadow:4px 4px  
4px 4px #836844; box-shadow:4px 4px 4px  
4px #836844 }
```

Background

The CSS property to change the background color of an element to Hex 836844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836844 }
```

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

```
.background{ background-color:#836844 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor