

# Converting Colors

Hex(84813C)

Have a look what the booklet for  
Hex(84813C) contains.

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**Color**

**Hex(84813C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 84813C                      |
| RGB         | 132, 129, 60                |
| RGB Percent | 52%, 51%, 24%               |
| CMY         | 0.4824, 0.4941, 0.7647      |
| CMYK        | 0.00, 0.02, 0.55, 0.48      |
| HSL         | 57°, 38%, 38%               |
| HSV         | 57°, 55%, 52%               |
| XYZ         | 18.1816, 20.9323, 7.3570    |
| YIQ         | 122.0310, 23.9370, -20.8230 |

# Conversions

## Conversions Part 2

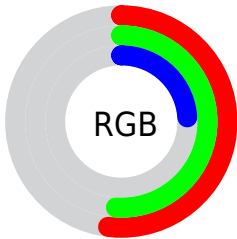
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 63, 132, 60                   |
| Decimal                             | 8683836                       |
| CIELab                              | 52.88, -8.78, 37.29           |
| CIELCh                              | 53, 38.311, 103.252           |
| Yxy                                 | 20.9323, 0.3912,<br>0.4504    |
| Android<br>(android.graphics.Color) | 4286873916<br>(0xFF84813C)    |
| YUV                                 | 122.0310, -30.5813,<br>8.7428 |
| Hunter-Lab                          | 45.7518, -9.1305,<br>22.4923  |

# Details

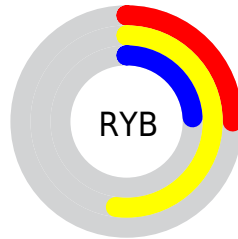
The Hex color **84813C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C3F84**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BBB66E**, and **50500A** is the 20% darker color. If you saturate the color by 10%, you get **84802F**, and if you desaturate by 10%, it is **848249**.

# Distribution



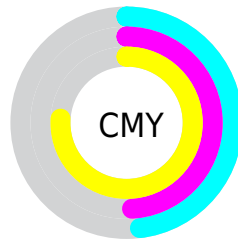
- Red (52%)
- Green (51%)
- Blue (24%)



- Red (25%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (2%)
- Yellow (55%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84813C 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 84813C by changing the saturation by 10% instead.



 84813C

 84813C

FFFFFF

 6A6824

 BBB66E

 50500A

 D7D188

 383900

 F4EDA2

 202400

 FFFFBE

 001000

 FFFFDA

 000000

 FFFFF6

 84813C

 84813C

 84802F

 848249

 848022

 848256

 847F14

 848364

 847F07

 848371

 847E00

 84847E

 84848B

 848598

 8485A6

 8486B3

# Harmonies

## Analogous

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



A2763F



84813C



60894D

# Triad

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



84813C



008DAA



B26692

# Complementary

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



84813C



3C3F84

# 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.



9470AE



84813C



0087BD

# Square

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



84813C



008F8C



637DBE



BD6371

# Rectangle

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



84813C



428D5F



637DBE



AA689C



# Sweetspot

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



84813C



ABAA90



843C40



575646



D6D6D6



575757



# Same Dimension

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



84813C



ABA63C



64843C



42423C



827D00



030200



# Inverse Universe

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



3C3F84



3C40AB



5C3C84



3C3C42



000582



000003



# Previews

## White Background



This preview shows how the Hex color 84813C looks on a white background.

## Color Contrast Check

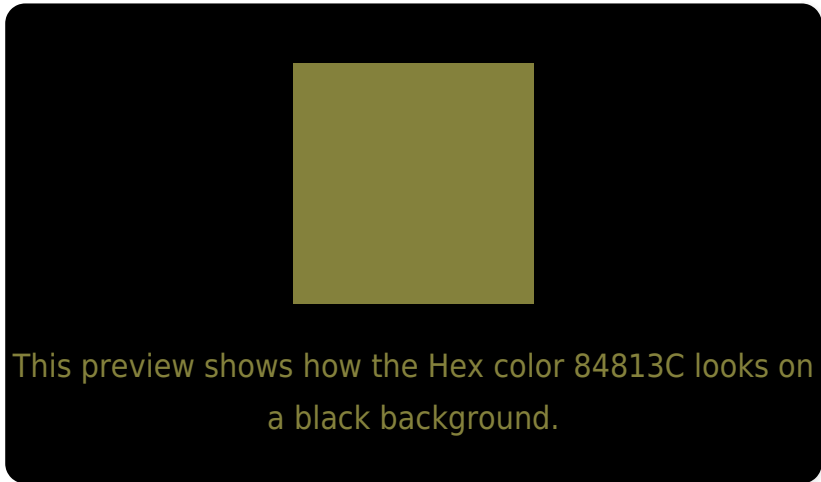
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

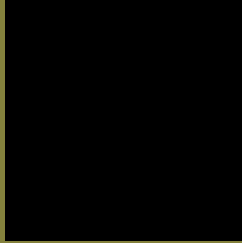
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 84813C Background



This preview shows how black text looks on a background with the Hex color 84813C.



This preview shows how white text looks on a background with the Hex color 84813C.

# 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**  
84813C

**Protanopia**  
8C7E3B

**Deuteranopia**  
9B783E



**Tritanopia**  
8B7983

# Trichromacy



**Original Color**  
84813C

**Protanomaly**  
897F3B

**Deuteranomaly**  
937B3D

**Tritanomaly**  
887C69

# Monochromacy



**Original Color**  
84813C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7E7D63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84813C 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 #84813C looks like.

```
.text, #text, p{  
    color:#84813C  
}
```

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 #84813C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84813C
}
```

## Border

The CSS property to change the border of an element to Hex 84813C 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
#84813C }
```

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

```
.border{ border-color:#84813C }
```

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

Here you see how a box with a 4 pixel #84813C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84813C; -webkit-box-shadow:4px 4px  
4px 4px #84813C; box-shadow:4px 4px 4px  
4px #84813C }
```

# Background

The CSS property to change the background color of an element to Hex 84813C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84813C }
```

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

```
.background{ background-color:#84813C }
```

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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