

# Converting Colors

Hex(84513A)

Have a look what the booklet for  
Hex(84513A) contains.

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**Color**

**Hex(84513A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84513A
RGB	132, 81, 58
RGB Percent	52%, 32%, 23%
CMY	0.4824, 0.6824, 0.7725
CMYK	0.00, 0.39, 0.56, 0.48
HSL	19°, 39%, 37%
HSV	19°, 56%, 52%
XYZ	13.2219, 11.0959, 5.4478
YIQ	93.6270, 37.7790, 3.6590

# Conversions

## Conversions Part 2

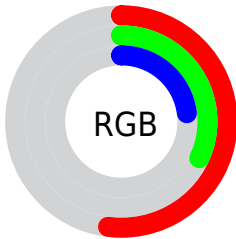
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 91, 58
Decimal	8671546
CIE <sub>Lab</sub>	39.74, 18.81, 22.41
CIE <sub>LCh</sub>	40, 29.255, 49.993
Yxy	11.0959, 0.4442, 0.3728
Android (android.graphics.Color)	4286861626 (0xFF84513A)
YUV	93.6270, -17.5641, 33.6531
Hunter-Lab	33.3105, 12.5583, 13.6206

# Details

The Hex color **84513A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A6D84**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BC836A**, and **4F230F** is the 20% darker color. If you saturate the color by 10%, you get **84482D**, and if you desaturate by 10%, it is **845A47**.

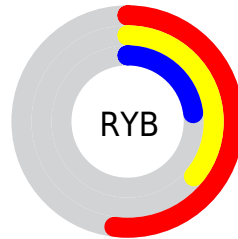
# Distribution



Red (52%)

Green (32%)

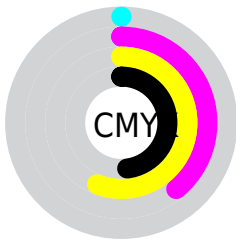
Blue (23%)



Red (52%)

Yellow (36%)

Blue (23%)

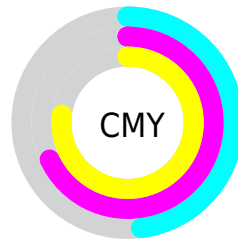


Cyan (0%)

Magenta (39%)

Yellow (56%)

Black (48%)



Cyan (48%)

Magenta (68%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84513A 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 84513A by changing the saturation by 10% instead.



 84513A

 84513A

FFFFFF

 693A24

 BC836A

 4F230F

 D89D83

 360E00

 F6B89D

 1F0001

 FFD4B8

 000000

 FFF0D4

 FFFFF0

 84513A

 84513A

 84482D

 845A47

■ 843F20

■ 846354

■ 843612

■ 846C62

■ 842D05

■ 84756F

■ 842900

■ 847E7C

■ 848889

■ 849196

■ 849AA4

■ 84A3B1

# Harmonies

## Analogous

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



8B4B4F



84513A



73592E

# Triad

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



84513A



1B6A55



535A8A

# Complementary

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



84513A



3A6D84

# 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.



24628C



84513A



006A6D

# Square

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



84513A



41673E



006882



74517D

# Rectangle

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



84513A



655F2D



006882



465D8C



# Sweetspot

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



84513A



AB978E



843A6E



574B45



D6D6D6



575757



# Same Dimension

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



84513A



AB5C38



84753A



423E3C



822800



030100



# Inverse Universe

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



3A6D84



3887AB



3A4984



3C4042



005A82



000203



# Previews

## White Background



This preview shows how the Hex color 84513A looks on a white background.

## Color Contrast Check

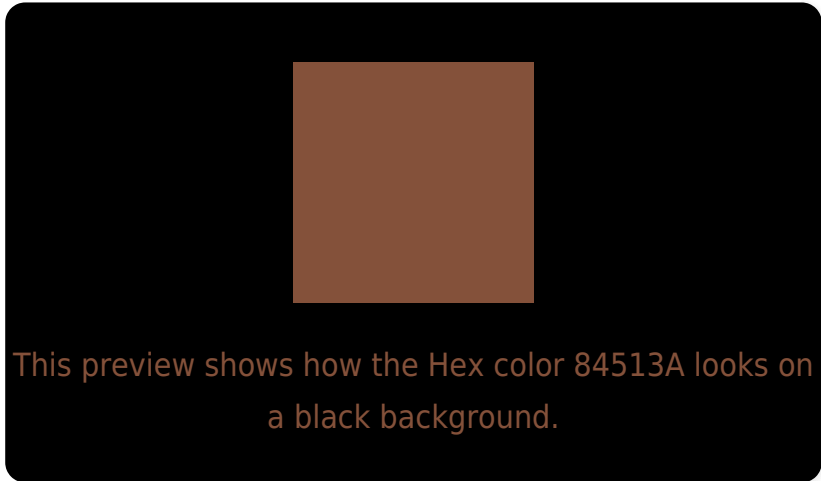
Large Text (above 18pt) WCAG AA ✓ Pass

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 84513A Background



This preview shows how black text looks on a background with the Hex color 84513A.



This preview shows how white text looks on a background with the Hex color 84513A.

# 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**  
84513A

**Protanopia**  
665E3F

**Deuteranopia**  
725A38



**Tritanopia**  
864E53

# Trichromacy



**Original Color**  
84513A

**Protanomaly**  
71593D

**Deuteranomaly**  
795739

**Tritanomaly**  
854F4A

# Monochromacy



**Original Color**  
84513A

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
6C5951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84513A 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 #84513A looks like.

```
.text, #text, p{  
    color:#84513A  
}
```

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 #84513A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84513A
}
```

## Border

The CSS property to change the border of an element to Hex 84513A is called "border". The border property can be set on classes, ids or directly on the HTML element.

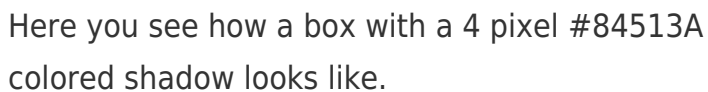
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84513A }
```

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

```
.border{ border-color:#84513A }
```

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



Here you see how a box with a 4 pixel #84513A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84513A; -webkit-box-shadow:4px 4px  
4px 4px #84513A; box-shadow:4px 4px 4px  
4px #84513A }
```

# Background

The CSS property to change the background color of an element to Hex 84513A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84513A }
```

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

```
.background{ background-color:#84513A }
```

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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