

# Converting Colors

Hex(843500)

Have a look what the booklet for  
Hex(843500) contains.

<b>Hex(843500)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(843500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843500
RGB	132, 53, 0
RGB Percent	52%, 21%, 0%
CMY	0.4824, 0.7922, 1.0000
CMYK	0.00, 0.60, 1.00, 0.48
HSL	24°, 100%, 26%
HSV	24°, 100%, 52%
XYZ	10.7888, 7.4517, 0.8697
YIQ	70.5790, 64.0970, 0.2650

# Conversions

## Conversions Part 2

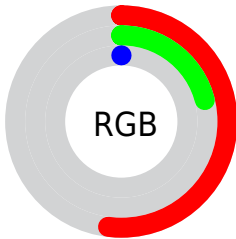
Format	Color
<a href="#">RYB</a>	<a href="#">132, 89, 0</a>
Decimal	<a href="#">8664320</a>
CIELab	<a href="#">32.81, 31.69, 44.14</a>
CIELCh	<a href="#">33, 54.333, 54.323</a>
Yxy	<a href="#">7.4517, 0.5646, 0.3899</a>
Android (android.graphics.Color)	<a href="#">4286854400 (0xFF843500)</a>
YUV	<a href="#">70.5790, -34.7954, 53.8662</a>
Hunter-Lab	<a href="#">27.2979, 22.7765, 17.2196</a>

# Details

The Hex color **843500** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **004F84**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BF6632**, and **4B0300** is the 20% darker color. If you saturate the color by 10%, you get **843500**, and if you desaturate by 10%, it is **843D0D**.

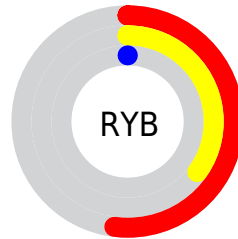
# Distribution



Red (52%)

Green (21%)

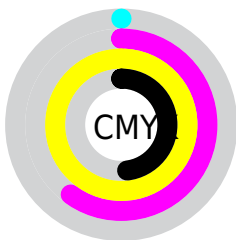
Blue (0%)



Red (52%)

Yellow (35%)

Blue (0%)

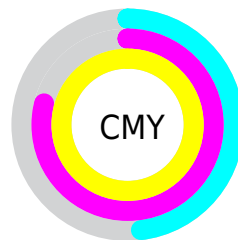


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (79%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843500 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 843500 by changing the saturation by 10% instead.



 843500

 843500

 FFFFEA

 671D00

 BF6632

 4B0300

 DE804A

 310000

 FC9A63

 020000

 FFB57D

 000000

 FFD197

 FFEEB2

 FFFFCE

 843500

 843D0D

 84451A

 844D28

 845535

 845D42

 84644F

 846C5C

 84746A

 847C77

# Harmonies

## Analogous

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



951C2D



843500



664900

# Triad

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



843500



005F43



34459C

# Complementary

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



843500



004F84

# 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.



0055A3



843500



006070

# Square

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



843500



005C15



005D93



782E80

# Rectangle

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



843500



4C5200



005D93



004CA1



# Sweetspot

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



843500



AB8C78



84004F



574437



D6D6D6



575757



# Same Dimension

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



843500



AB4500



847700



423E3C



823400



030100



# Inverse Universe

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



004F84



0066AB



000D84



3C4042



004E82

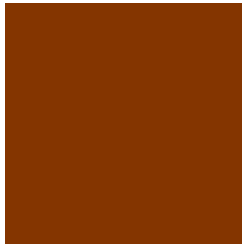


000203



# Previews

## White Background



This preview shows how the Hex color 843500 looks on a white background.

## Color Contrast Check

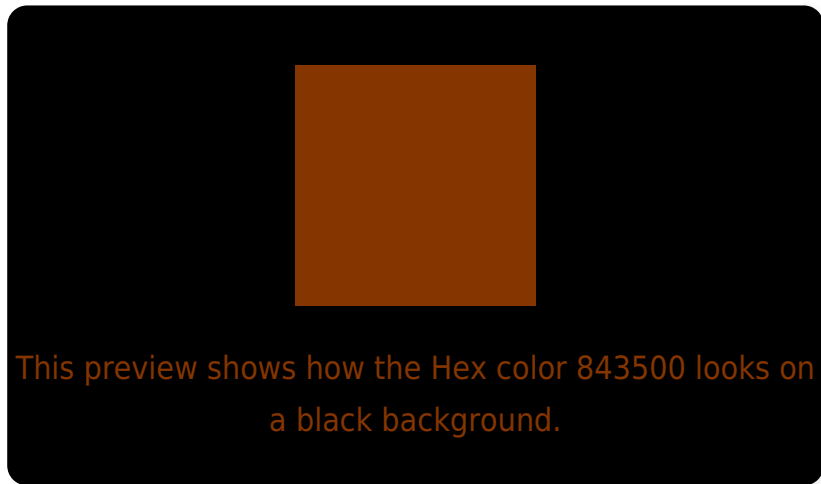
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

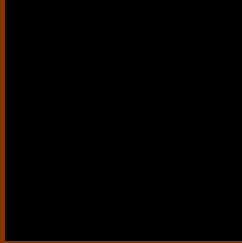
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843500 Background



This preview shows how black text looks on a background with the Hex color 843500.



This preview shows how white text looks on a background with the Hex color 843500.

# 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**  
843500

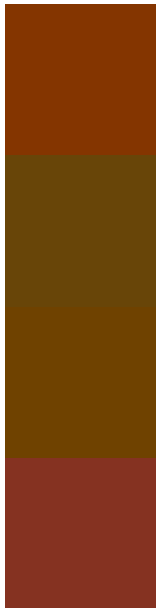
**Protanopia**  
584E0D

**Deuteranopia**  
634A00



**Tritanopia**  
853134

# Trichromacy



**Original Color**  
843500

**Protanomaly**  
684508

**Deuteranomaly**  
6F4200

**Tritanomaly**  
853221

# Monochromacy



**Original Color**  
843500

**Achromatopsia**  
474747

**Achromatomaly**  
5D402D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843500 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 #843500 looks like.

```
.text, #text, p{  
    color:#843500  
}
```

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 #843500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843500
}
```

## Border

The CSS property to change the border of an element to Hex 843500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

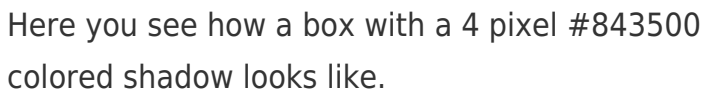
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843500 }
```

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

```
.border{ border-color:#843500 }
```

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



Here you see how a box with a 4 pixel #843500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843500; -webkit-box-shadow:4px 4px  
4px 4px #843500; box-shadow:4px 4px 4px  
4px #843500 }
```

# Background

The CSS property to change the background color of an element to Hex 843500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843500 }
```

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

```
.background{ background-color:#843500 }
```

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