

# Converting Colors

Hex(845703)

Have a look what the booklet for  
Hex(845703) contains.

<b>Hex(845703)</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(845703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845703
RGB	132, 87, 3
RGB Percent	52%, 34%, 1%
CMY	0.4824, 0.6588, 0.9882
CMYK	0.00, 0.34, 0.98, 0.48
HSL	39°, 96%, 26%
HSV	39°, 98%, 52%
XYZ	12.9404, 11.7285, 1.6679
YIQ	90.8790, 53.7840, -16.5840

# Conversions

## Conversions Part 2

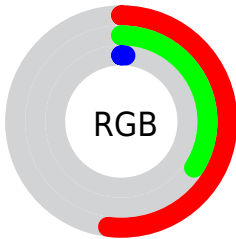
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 132, 3
Decimal	8673027
CIE <sub>Lab</sub>	40.78, 12.47, 48.23
CIE <sub>LCh</sub>	41, 49.815, 75.499
Yxy	11.7285, 0.4913, 0.4453
Android (android.graphics.Color)	4286863107 (0xFF845703)
YUV	90.8790, -43.3243, 36.0631
Hunter-Lab	34.2469, 7.5150, 21.0852

# Details

The Hex color **845703** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **033084**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BD893B**, and **4D2A00** is the 20% darker color. If you saturate the color by 10%, you get **845600**, and if you desaturate by 10%, it is **845C10**.

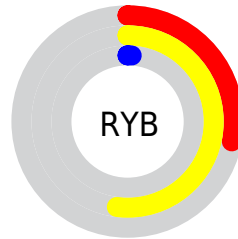
# Distribution



Red (52%)

Green (34%)

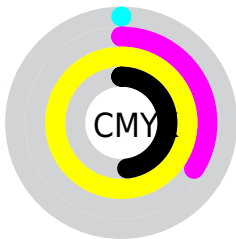
Blue (1%)



Red (28%)

Yellow (52%)

Blue (1%)

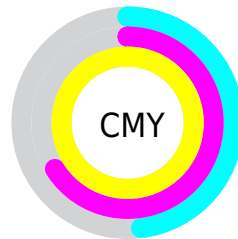


Cyan (0%)

Magenta (34%)

Yellow (98%)

Black (48%)



Cyan (48%)

Magenta (66%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845703 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 845703 by changing the saturation by 10% instead.



 845703

 845703

 FFFFF8

 684000

 BD893B

 4D2A00

 DBA354

 331500

 F9BE6E

 1B0000

 FFDA88

 000000

 FFF6A3

 FFFFBF

 FFFFDB

 845703

 845703

■ 845600

■ 845C10

■ 84601D

■ 84652B

■ 846938

■ 846E45

■ 847352

■ 84775F

■ 847C6D

■ 84807A

# Harmonies

## Analogous

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



9E4527



845703



606500

# Triad

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



845703



007375



7C4B9A

# Complementary

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



845703



033084

# 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.



325EAF



845703



00719A

# Square

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



845703



00724A



006AAF



9F3A76

# Rectangle

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



845703



426B15



006AAF



6A52A3



# Sweetspot

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



845703



AB9A79



840330



574C38



D6D6D6



575757



# Same Dimension

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



845703



AB6F00



718403



42403C



825500



030200



# Inverse Universe

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



033084



003CAB



160384



3C3E42



002D82

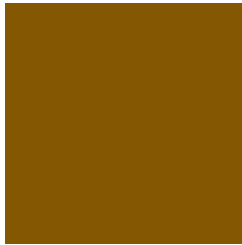


000103



# Previews

## White Background



This preview shows how the Hex color 845703 looks on a white background.

## Color Contrast Check

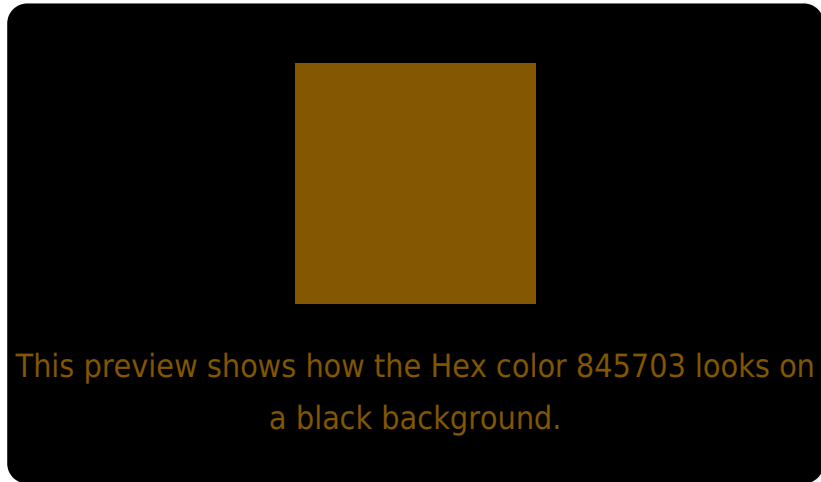
Large Text (above 18pt) WCAG AA ✓ Pass

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 845703 Background



This preview shows how black text looks on a background with the Hex color 845703.



This preview shows how white text looks on a background with the Hex color 845703.

# 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**  
845703

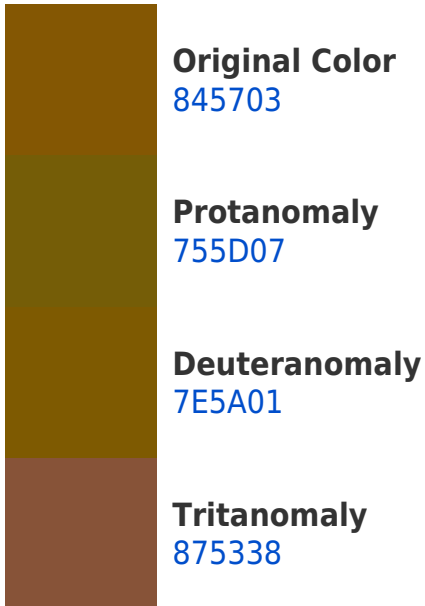
**Protanopia**  
6D6109

**Deuteranopia**  
7A5C00

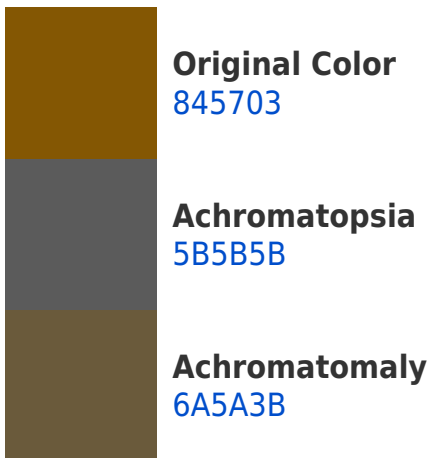


**Tritanopia**  
885157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845703 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 #845703 looks like.

```
.text, #text, p{  
    color:#845703  
}
```

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 #845703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845703
}
```

## Border

The CSS property to change the border of an element to Hex 845703 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
#845703 }
```

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

```
.border{ border-color:#845703 }
```

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

Here you see how a box with a 4 pixel #845703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845703; -webkit-box-shadow:4px 4px  
4px 4px #845703; box-shadow:4px 4px 4px  
4px #845703 }
```

# Background

The CSS property to change the background color of an element to Hex 845703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845703 }
```

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

```
.background{ background-color:#845703 }
```

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