

# Converting Colors

Hex(845049)

Have a look what the booklet for  
Hex(845049) contains.

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**Color**

**Hex(845049)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845049
RGB	132, 80, 73
RGB Percent	52%, 31%, 29%
CMY	0.4824, 0.6863, 0.7137
CMYK	0.00, 0.39, 0.45, 0.48
HSL	7°, 29%, 40%
HSV	7°, 45%, 52%
XYZ	13.5870, 11.1239, 7.7343
YIQ	94.7500, 33.2390, 8.8470

# Conversions

## Conversions Part 2

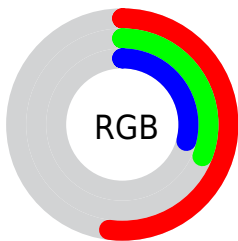
Format	Color
<a href="#">RYB</a>	<a href="#">132, 81, 73</a>
Decimal	<a href="#">8671305</a>
CIELab	<a href="#">39.79, 20.97, 13.36</a>
CIELCh	<a href="#">40, 24.862, 32.498</a>
Yxy	<a href="#">11.1239, 0.4188, 0.3429</a>
Android (android.graphics.Color)	<a href="#">4286861385</a> ( <a href="#">0xFF845049</a> )
YUV	<a href="#">94.7500, -10.7227, 32.6683</a>
Hunter-Lab	<a href="#">33.3525, 14.3496, 9.5976</a>

# Details

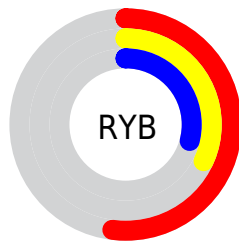
The Hex color **845049** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **497D84**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BB827A**, and **50221D** is the 20% darker color. If you saturate the color by 10%, you get **84443C**, and if you desaturate by 10%, it is **845C56**.

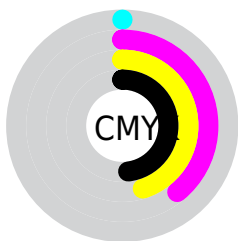
# Distribution



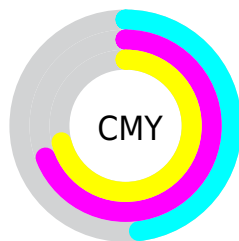
- Red (52%)
- Green (31%)
- Blue (29%)



- Red (52%)
- Yellow (32%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845049 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 845049 by changing the saturation by 10% instead.



 845049

 845049

FFFFFF

 6A3932

 BB827A

 50221D

 D79C93

 370C04

 F5B7AE

 220001

 FFD3C9

 000000

 FFEFE5

 845049

 845049

 84443C

 845C56

 84392F

 846763

 842D21

 847371

 842114

 847F7E

 841607

 848A8B

 841000

 849698

 84A1A5

 84ADB3

 84B9C0

# Harmonies

## Analogous

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



844E5D



845049



7A563A

# Triad

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



845049



3C674A



435F86

# Complementary

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



845049



497D84

# 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.



1E6581



845049



1F695F

# Square

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



845049



54633B



016873



625880

# Rectangle

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



845049



705B35



016873



376186



# Sweetspot

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



845049



AB9795



84497D



574A49



D6D6D6



575757



# Same Dimension

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



845049



AB5A4F



846D49



423C3C



820F00



030000



# Inverse Universe

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



497D84



4FA0AB



496084



3C4242



007382



000203



# Previews

## White Background



This preview shows how the Hex color 845049 looks on a white background.

## Color Contrast Check

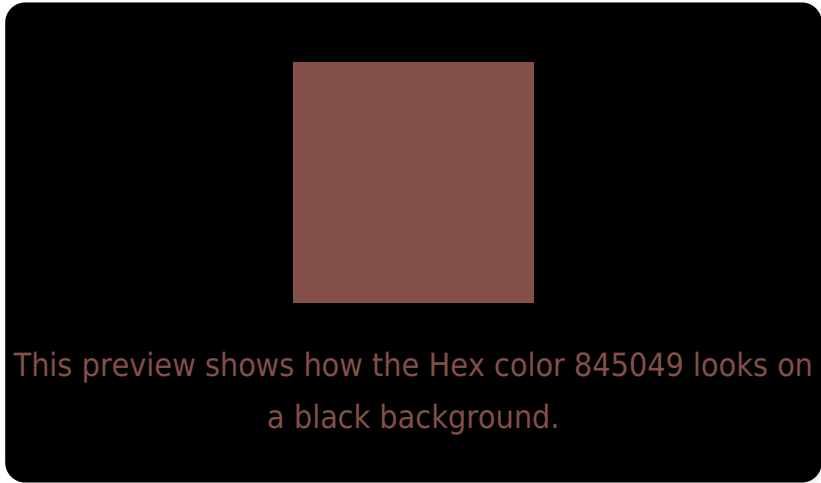
Large Text (above 18pt) WCAG AA ✓ Pass

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 845049 Background



This preview shows how black text looks on a background with the Hex color 845049.



This preview shows how white text looks on a background with the Hex color 845049.

# 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**  
845049

**Protanopia**  
635E50

**Deuteranopia**  
6F5A47



**Tritanopia**  
854E54

# Trichromacy



**Original Color**  
845049

**Protanomaly**  
6F594D

**Deuteranomaly**  
775648

**Tritanomaly**  
854F50

# Monochromacy



**Original Color**  
845049

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6C5A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845049 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 #845049 looks like.

```
.text, #text, p{  
    color:#845049  
}
```

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 #845049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845049
}
```

## Border

The CSS property to change the border of an element to Hex 845049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

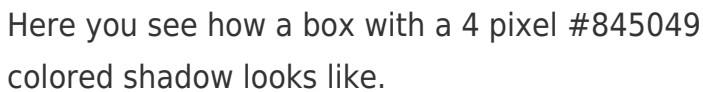
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845049 }
```

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

```
.border{ border-color:#845049 }
```

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



Here you see how a box with a 4 pixel #845049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845049; -webkit-box-shadow:4px 4px  
4px 4px #845049; box-shadow:4px 4px 4px  
4px #845049 }
```

# Background

The CSS property to change the background color of an element to Hex 845049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845049 }
```

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

```
.background{ background-color:#845049 }
```

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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