

# Converting Colors

Hex(845D4A)

Have a look what the booklet for  
Hex(845D4A) contains.

<b>Hex(845D4A)</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(845D4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845D4A
RGB	132, 93, 74
RGB Percent	52%, 36%, 29%
CMY	0.4824, 0.6353, 0.7098
CMYK	0.00, 0.30, 0.44, 0.48
HSL	20°, 28%, 40%
HSV	20°, 44%, 52%
XYZ	14.6661, 13.2286, 8.2590
YIQ	102.4950, 29.3430, 2.3590

# Conversions

## Conversions Part 2

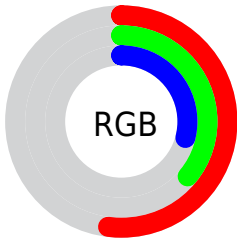
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 102, 74
Decimal	8674634
CIE <sub>Lab</sub>	43.11, 13.42, 17.25
CIE <sub>LCh</sub>	43, 21.849, 52.120
Yxy	13.2286, 0.4057, 0.3659
Android (android.graphics.Color)	4286864714 (0xFF845D4A)
YUV	102.4950, -14.0480, 25.8759
Hunter-Lab	36.3712, 8.3276, 11.9966

# Details

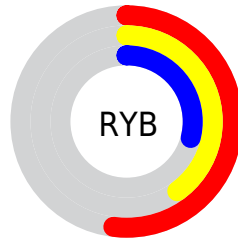
The Hex color **845D4A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A7184**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BB8F7B**, and **502F1E** is the 20% darker color. If you saturate the color by 10%, you get **84543D**, and if you desaturate by 10%, it is **846657**.

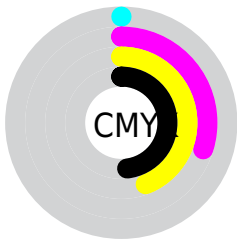
# Distribution



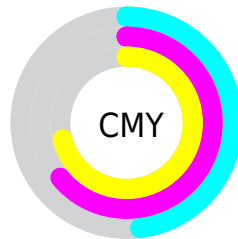
- Red (52%)
- Green (36%)
- Blue (29%)



- Red (52%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845D4A 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 845D4A by changing the saturation by 10% instead.



 845D4A

 845D4A

FFFFFF

 6A4533

 BB8F7B

 502F1E

 D7AA95

 381A06

 F4C5AF

 220000

 FFE1CB

 000000

 FFFEE7

 845D4A

 845D4A

 84543D

 846657

 844B30

 846F64

 844222

 847872

 843915

 84817F

 843108

 84898C

 842B00

 849299

 849BA6

 84A4B4

 84ADC1

# Harmonies

## Analogous

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



8A5959



845D4A



776342

# Triad

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



845D4A



3B6F60



626387

# Complementary

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



845D4A



4A7184

# 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.



466989



845D4A



2B7073

# Square

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



845D4A



506D4F



2F6D82



785D7C

# Rectangle

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



845D4A



6B6742



2F6D82



596589



# Sweetspot

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



845D4A



AB9C95



844A72



574D49



D6D6D6



575757



# Same Dimension

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



845D4A



AB6E50



84794A



423E3C



822B00



030100



# Inverse Universe

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



4A7184



508DAB



4A5584



3C4042



005782



000203



# Previews

## White Background



This preview shows how the Hex color 845D4A looks on a white background.

## Color Contrast Check

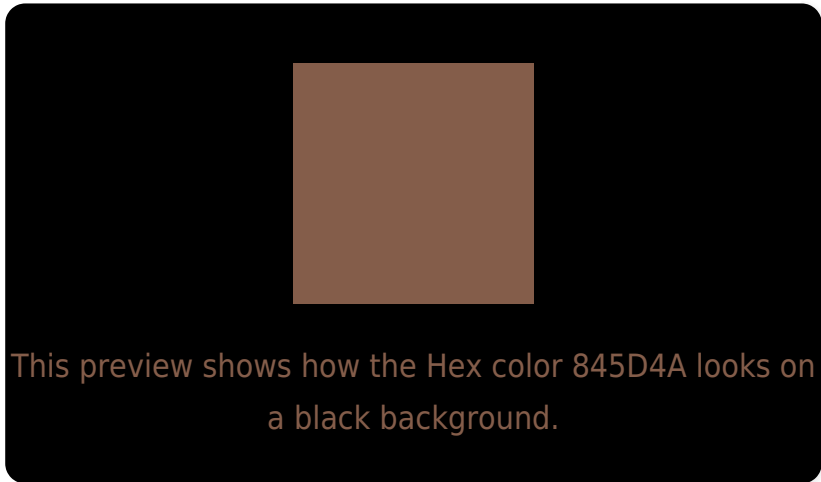
Large Text (above 18pt) WCAG AA ✓ Pass

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 845D4A Background



This preview shows how black text looks on a background with the Hex color 845D4A.



This preview shows how white text looks on a background with the Hex color 845D4A.

# 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**  
845D4A

**Protanopia**  
6D664E

**Deuteranopia**  
796249



**Tritanopia**  
865A61

# Trichromacy



**Original Color**  
845D4A

**Protanomaly**  
75634D

**Deuteranomaly**  
7D6049

**Tritanomaly**  
855B59

# Monochromacy



**Original Color**  
845D4A

**Achromatopsia**  
666666

**Achromatomaly**  
71635C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845D4A 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 #845D4A looks like.

```
.text, #text, p{  
    color:#845D4A  
}
```

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 #845D4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845D4A
}
```

## Border

The CSS property to change the border of an element to Hex 845D4A 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
#845D4A }
```

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

```
.border{ border-color:#845D4A }
```

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

Here you see how a box with a 4 pixel #845D4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845D4A; -webkit-box-shadow:4px 4px  
4px 4px #845D4A; box-shadow:4px 4px 4px  
4px #845D4A }
```

# Background

The CSS property to change the background color of an element to Hex 845D4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845D4A }
```

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

```
.background{ background-color:#845D4A }
```

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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