

# Converting Colors

Hex(844E1A)

Have a look what the booklet for  
Hex(844E1A) contains.

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**Color**

**Hex(844E1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844E1A
RGB	132, 78, 26
RGB Percent	52%, 31%, 10%
CMY	0.4824, 0.6941, 0.8980
CMYK	0.00, 0.41, 0.80, 0.48
HSL	29°, 67%, 31%
HSV	29°, 80%, 52%
XYZ	12.4266, 10.4289, 2.3353
YIQ	88.2180, 48.8760, -4.7240

# Conversions

## Conversions Part 2

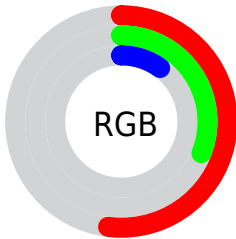
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 128, 26
Decimal	8670746
CIELab	38.60, 18.42, 38.57
CIELCh	39, 42.745, 64.474
Yxy	10.4289, 0.4933, 0.4140
Android (android.graphics.Color)	4286860826 (0xFF844E1A)
YUV	88.2180, -30.6735, 38.3968
Hunter-Lab	32.2938, 12.1722, 18.3181

# Details

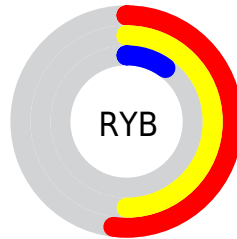
The Hex color **844E1A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1A5084**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BD7F49**, and **4D2100** is the 20% darker color. If you saturate the color by 10%, you get **84470D**, and if you desaturate by 10%, it is **845527**.

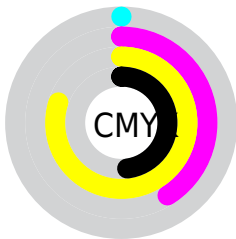
# Distribution



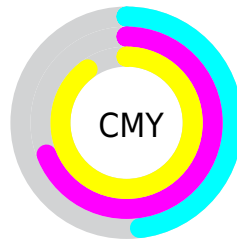
- Red (52%)
- Green (31%)
- Blue (10%)



- Red (52%)
- Yellow (50%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844E1A 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 844E1A by changing the saturation by 10% instead.



 844E1A

 844E1A

FFFFFF

 683701

 BD7F49

 4D2100

 DB9962

 330C00

 F8B47C

 190001

 FFD096

 000000

 FFECB1

 FFFFCD

 FFFF99

 844E1A

 844E1A

■ 84470D

■ 845527

■ 844100

■ 845B34

■ 846242

■ 84694F

■ 84705C

■ 847669

■ 847D76

■ 848484

■ 848B91

# Harmonies

## Analogous

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



964036



844E1A



685B0C

# Triad

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



844E1A



006B5F



634F94

# Complementary

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



844E1A



1A5084

# 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.



045DA0



844E1A



006B81

# Square

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



844E1A



00693B



006699



894179

# Rectangle

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



844E1A



516115



006699



4F549A



# Sweetspot

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



844E1A



AB9682



841A51



574A3E



D6D6D6



575757



# Same Dimension

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



844E1A



AB5707



84821A



423F3C



824000



030100



# Inverse Universe

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



1A5084



075AAB



1A1C84



3C3F42



004282



000103



# Previews

## White Background



This preview shows how the Hex color 844E1A looks on a white background.

## Color Contrast Check

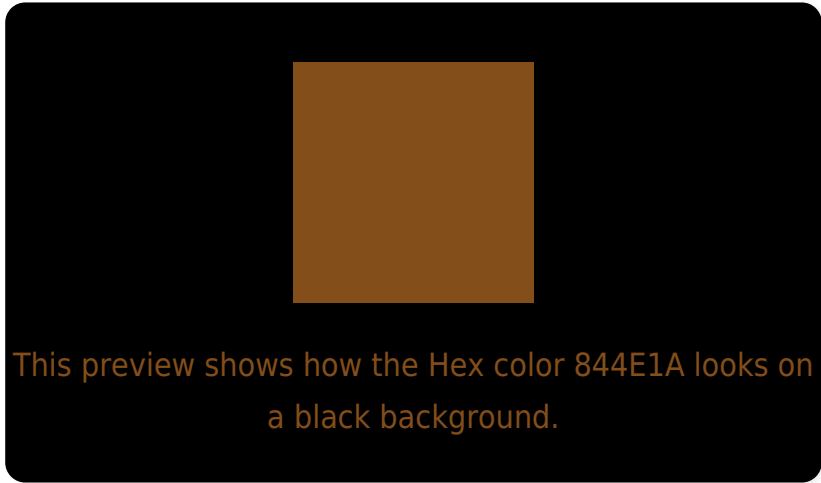
Large Text (above 18pt) WCAG AA ✓ Pass

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

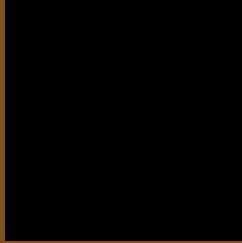
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844E1A Background



This preview shows how black text looks on a background with the Hex color 844E1A.



This preview shows how white text looks on a background with the Hex color 844E1A.

# 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**  
844E1A

**Protanopia**  
665C1E

**Deuteranopia**  
735716



**Tritanopia**  
87494E

# Trichromacy



**Original Color**  
844E1A

**Protanomaly**  
71571D

**Deuteranomaly**  
795417

**Tritanomaly**  
864B3B

# Monochromacy



**Original Color**  
844E1A

**Achromatopsia**  
585858

**Achromatomaly**  
685441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844E1A 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 #844E1A looks like.

```
.text, #text, p{  
    color:#844E1A  
}
```

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 #844E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844E1A
}
```

## Border

The CSS property to change the border of an element to Hex 844E1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

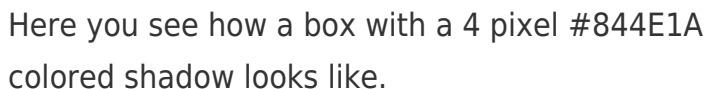
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844E1A }
```

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

```
.border{ border-color:#844E1A }
```

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



Here you see how a box with a 4 pixel #844E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844E1A; -webkit-box-shadow:4px 4px  
4px 4px #844E1A; box-shadow:4px 4px 4px  
4px #844E1A }
```

# Background

The CSS property to change the background color of an element to Hex 844E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844E1A }
```

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

```
.background{ background-color:#844E1A }
```

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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