

# Converting Colors

Hex(844A1D)

Have a look what the booklet for  
Hex(844A1D) contains.

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# Color

**Hex(844A1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844A1D
RGB	132, 74, 29
RGB Percent	52%, 29%, 11%
CMY	0.4824, 0.7098, 0.8863
CMYK	0.00, 0.44, 0.78, 0.48
HSL	26°, 64%, 32%
HSV	26°, 78%, 52%
XYZ	12.1863, 9.8918, 2.4294
YIQ	86.2120, 49.0130, -1.6990

# Conversions

## Conversions Part 2

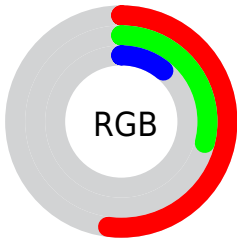
Format	Color
<a href="#">RYB</a>	<a href="#">132, 109, 29</a>
Decimal	<a href="#">8669725</a>
CIELab	<a href="#">37.65, 20.88, 36.19</a>
CIElCh	<a href="#">38, 41.785, 60.012</a>
Yxy	<a href="#">9.8918, 0.4972, 0.4036</a>
Android (android.graphics.Color)	<a href="#">4286859805</a> ( <a href="#">0xFF844A1D</a> )
YUV	<a href="#">86.2120, -28.2055, 40.1561</a>
Hunter-Lab	<a href="#">31.4512, 14.1229, 17.4361</a>

# Details

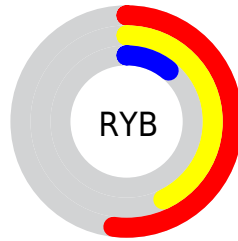
The Hex color **844A1D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1D5784**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BD7B4C**, and **4D1D00** is the 20% darker color. If you saturate the color by 10%, you get **844310**, and if you desaturate by 10%, it is **84512A**.

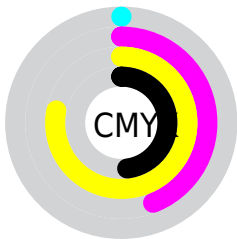
# Distribution



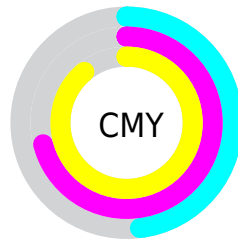
- Red (52%)
- Green (29%)
- Blue (11%)



- Red (52%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (78%)
- Black (48%)



- Cyan (48%)
- Magenta (71%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844A1D 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 844A1D by changing the saturation by 10% instead.



 844A1D

 844A1D

FFFFFF

 683305

 BD7B4C

 4D1D00

 DB9564

 330700

 F9B07E

 170000

 FFCC98

 000000

 FFE8B3

 FFFFCF

 FFFFEB

 844A1D

 844A1D

■ 844310

■ 84512A

■ 843B03

■ 845937

■ 843A00

■ 846045

■ 846852

■ 846F5F

■ 84776C

■ 847E79

■ 848587

■ 848D94

# Harmonies

## Analogous

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



943D39



844A1D



6A570C

# Triad

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



844A1D



006958



585093

# Complementary

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



844A1D



1D5784

# 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.



005C9C



844A1D



006879

# Square

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



844A1D



126635



006593



81417B

# Rectangle

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



844A1D



545E12



006593



445498



# Sweetspot

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



844A1D



AB9584



841D57



57493E



D6D6D6



575757



# Same Dimension

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



844A1D



AB500A



847D1D



423F3C



823900



030100



# Inverse Universe

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



1D5784



0A65AB



1D2484



3C3F42



004982



000103



# Previews

## White Background



This preview shows how the Hex color 844A1D looks on a white background.

## Color Contrast Check

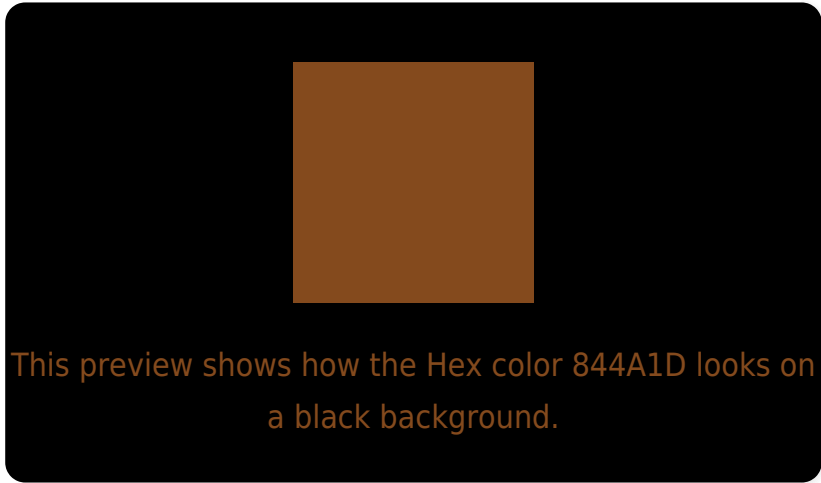
Large Text (above 18pt) WCAG AA ✓ Pass

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 844A1D Background



This preview shows how black text looks on a background with the Hex color 844A1D.



This preview shows how white text looks on a background with the Hex color 844A1D.

# 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**  
844A1D

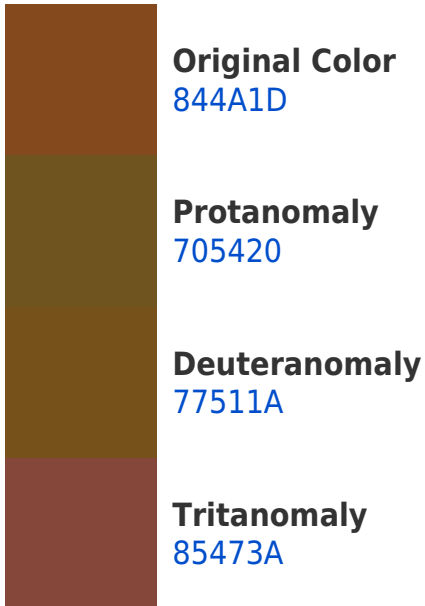
**Protanopia**  
645921

**Deuteranopia**  
705519

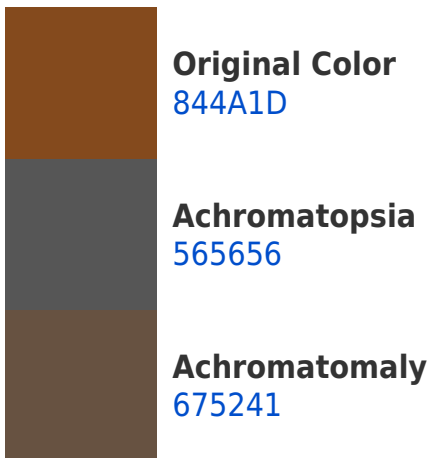


**Tritanopia**  
86454A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844A1D 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 #844A1D looks like.

```
.text, #text, p{  
    color:#844A1D  
}
```

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 #844A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844A1D
}
```

## Border

The CSS property to change the border of an element to Hex 844A1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

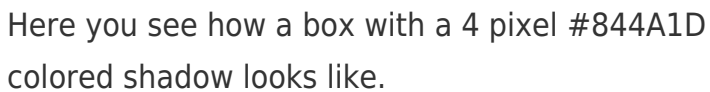
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844A1D }
```

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

```
.border{ border-color:#844A1D }
```

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



Here you see how a box with a 4 pixel #844A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844A1D; -webkit-box-shadow:4px 4px  
4px 4px #844A1D; box-shadow:4px 4px 4px  
4px #844A1D }
```

# Background

The CSS property to change the background color of an element to Hex 844A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844A1D }
```

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

```
.background{ background-color:#844A1D }
```

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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