

# Converting Colors

Hex(844A31)

Have a look what the booklet for  
Hex(844A31) contains.

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**Color**

**Hex(844A31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844A31
RGB	132, 74, 49
RGB Percent	52%, 29%, 19%
CMY	0.4824, 0.7098, 0.8078
CMYK	0.00, 0.44, 0.63, 0.48
HSL	18°, 46%, 35%
HSV	18°, 63%, 52%
XYZ	12.5189, 10.0248, 4.1809
YIQ	88.4920, 42.5930, 4.5210

# Conversions

## Conversions Part 2

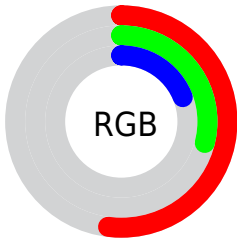
Format	Color
<b>RYB</b>	132, 85, 49
Decimal	8669745
CIELab	37.89, 22.13, 25.44
CIELCh	38, 33.712, 48.980
Yxy	10.0248, 0.4684, 0.3751
Android (android.graphics.Color)	4286859825 (0xFF844A31)
YUV	88.4920, -19.4696, 38.1565
Hunter-Lab	31.6620, 15.1687, 14.3343

# Details

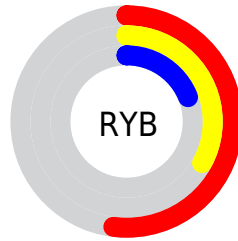
The Hex color **844A31** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **316B84**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BC7B60**, and **4E1C03** is the 20% darker color. If you saturate the color by 10%, you get **844124**, and if you desaturate by 10%, it is **84533E**.

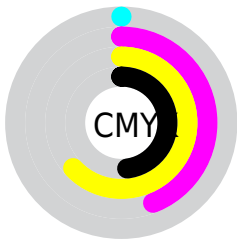
# Distribution



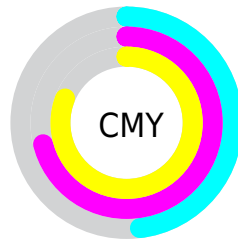
- Red (52%)
- Green (29%)
- Blue (19%)



- Red (52%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (44%)
- Yellow (63%)
- Black (48%)



- Cyan (48%)
- Magenta (71%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844A31 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 844A31 by changing the saturation by 10% instead.



 844A31

 844A31

FFFFFF

 69331B

 BC7B60

 4E1C03

 D99679

 340600

 F7B093

 1A0001

 FFCCAD

 000000

 FFE8C9

 FFFF E5

 844A31

 844A31

 844124

 84533E

■ 843817

■ 845C4B

■ 842E09

■ 846659

■ 842800

■ 846F66

■ 847873

■ 848180

■ 848B8D

■ 84949B

■ 849DA8

# Harmonies

## Analogous

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



8C4349



844A31



715422

# Triad

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



844A31



00664E



4A568D

# Complementary

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



844A31



316B84

# 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.



005F8E



844A31



00676A

# Square

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



844A31



386334



006582



714B7D

# Rectangle

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



844A31



615A21



006582



38598F



# Sweetspot

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



844A31



AB948A



84316B



574943



D6D6D6



575757



# Same Dimension

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



844A31



AB512B



847331



423E3C



822700



030100



# Inverse Universe

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



316B84



2B84AB



314284



3C4042



005B82



000203



# Previews

## White Background



This preview shows how the Hex color 844A31 looks on a white background.

## Color Contrast Check

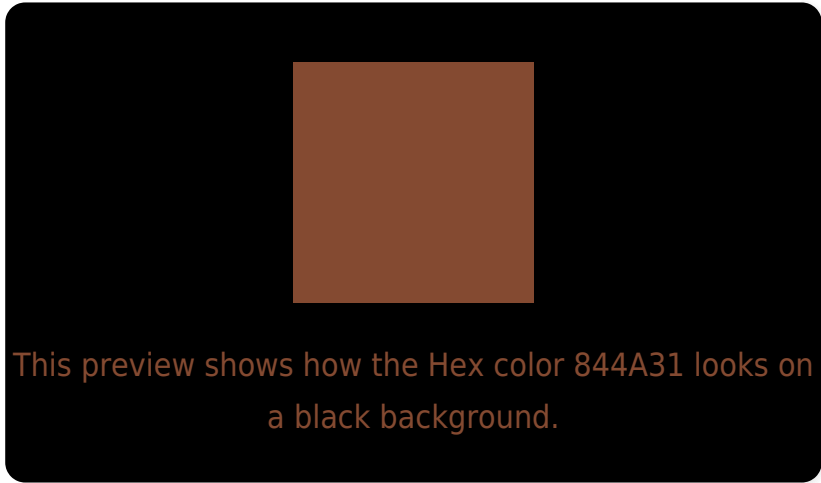
Large Text (above 18pt) WCAG AA ✓ Pass

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

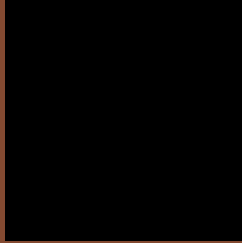
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 844A31 Background



This preview shows how black text looks on a background with the Hex color 844A31.



This preview shows how white text looks on a background with the Hex color 844A31.

# 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**  
844A31

**Protanopia**  
625A37

**Deuteranopia**  
6E552F



**Tritanopia**  
86474C

# Trichromacy



**Original Color**  
844A31

**Protanomaly**  
6E5435

**Deuteranomaly**  
765130

**Tritanomaly**  
854842

# Monochromacy



**Original Color**  
844A31

**Achromatopsia**  
585858

**Achromatomaly**  
68534A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844A31 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 #844A31 looks like.

```
.text, #text, p{  
    color:#844A31  
}
```

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 #844A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844A31
}
```

## Border

The CSS property to change the border of an element to Hex 844A31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

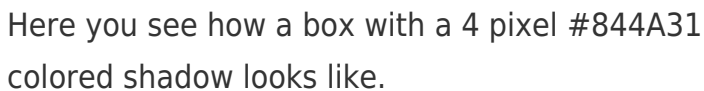
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844A31 }
```

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

```
.border{ border-color:#844A31 }
```

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



Here you see how a box with a 4 pixel #844A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844A31; -webkit-box-shadow:4px 4px  
4px 4px #844A31; box-shadow:4px 4px 4px  
4px #844A31 }
```

# Background

The CSS property to change the background color of an element to Hex 844A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844A31 }
```

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

```
.background{ background-color:#844A31 }
```

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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