

# Converting Colors

Hex(8A4C30)

Have a look what the booklet for  
Hex(8A4C30) contains.

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**Color**

**Hex(8A4C30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A4C30
RGB	138, 76, 48
RGB Percent	54%, 30%, 19%
CMY	0.4588, 0.7020, 0.8118
CMYK	0.00, 0.45, 0.65, 0.46
HSL	19°, 48%, 36%
HSV	19°, 65%, 54%
XYZ	13.5992, 10.7856, 4.1614
YIQ	91.3460, 45.9400, 4.4360

# Conversions

## Conversions Part 2

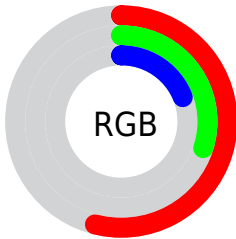
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 89, 48
Decimal	9063472
CIE Lab	39.22, 23.51, 27.83
CIE LCh	39, 36.434, 49.813
Yxy	10.7856, 0.4764, 0.3778
Android (android.graphics.Color)	4287253552 (0xFF8A4C30)
YUV	91.3460, -21.3696, 40.9156
Hunter-Lab	32.8414, 16.4421, 15.4762

# Details

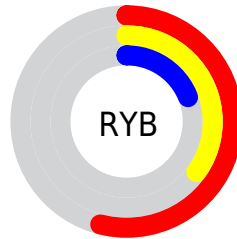
The Hex color **8A4C30** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **306E8A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **C37E5F**, and **541E02** is the 20% darker color. If you saturate the color by 10%, you get **8A4222**, and if you desaturate by 10%, it is **8A563E**.

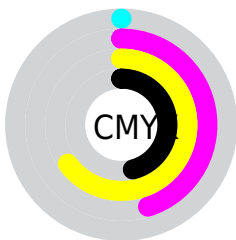
# Distribution



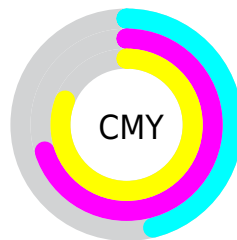
- Red (54%)
- Green (30%)
- Blue (19%)



- Red (54%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (65%)
- Black (46%)



- Cyan (46%)
- Magenta (70%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A4C30 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 8A4C30 by changing the saturation by 10% instead.



 8A4C30

 8A4C30

FFFFFF

 6E351A

 C37E5F

 541E02

 E09878

 390700

 FEB392

 220001

 FFCEAC

 000000

 FFEBC8

 FFFFE4

 8A4C30

 8A4C30

 8A4222

 8A563E

■ 8A3914

■ 8A5F4C

■ 8A2F07

■ 8A6959

■ 8A2B00

■ 8A7267

■ 8A7C75

■ 8A8583

■ 8A8F91

■ 8A989E

■ 8AA2AC

# Harmonies

## Analogous

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



93434A



8A4C30



765720

# Triad

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



8A4C30



006A51



4D5994

# Complementary

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



8A4C30



306E8A

# 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.



006396



8A4C30



006B70

# Square

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



8A4C30



376734



006989



774D83

# Rectangle

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



8A4C30



645E1E



006989



385C97



# Sweetspot

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



8A4C30



B39A8F



8A306F



594A44



D9D9D9



595959



# Same Dimension

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



8A4C30



B35327



8A7830



45403E



852900



050200



# Inverse Universe

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



306E8A



2787B3



30428A



3E4345



005B85



000405



# Previews

## White Background



This preview shows how the Hex color 8A4C30 looks on a white background.

## Color Contrast Check

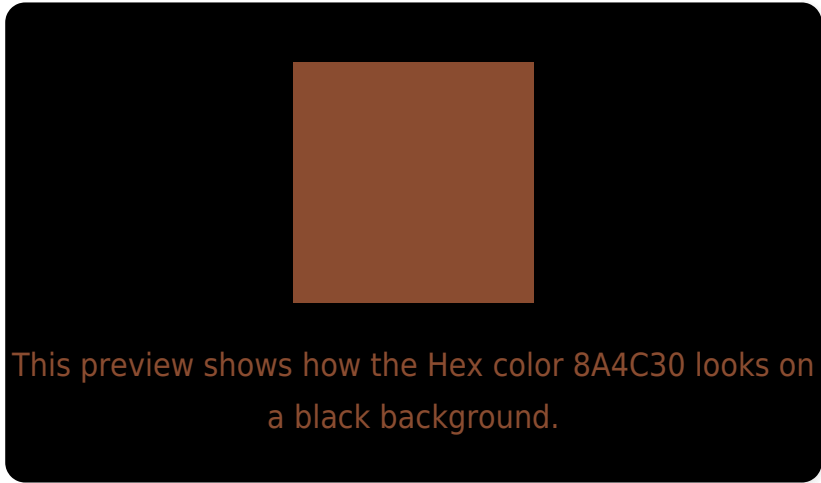
Large Text (above 18pt) WCAG AA ✓ Pass

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

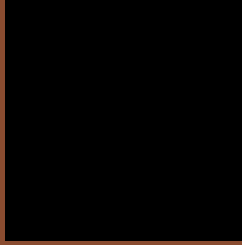
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A4C30 Background



This preview shows how black text looks on a background with the Hex color 8A4C30.



This preview shows how white text looks on a background with the Hex color 8A4C30.

# 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**  
8A4C30

**Protanopia**  
665D36

**Deuteranopia**  
73582D



**Tritanopia**  
8C484E

# Trichromacy



**Original Color**  
8A4C30

**Protanomaly**  
735734

**Deuteranomaly**  
7B542E

**Tritanomaly**  
8B4943

# Monochromacy



**Original Color**  
8A4C30

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
6C564B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A4C30 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 #8A4C30 looks like.

```
.text, #text, p{  
    color:#8A4C30  
}
```

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 #8A4C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A4C30
}
```

## Border

The CSS property to change the border of an element to Hex 8A4C30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

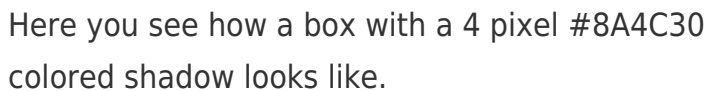
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A4C30 }
```

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

```
.border{ border-color:#8A4C30 }
```

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



Here you see how a box with a 4 pixel #8A4C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A4C30; -webkit-box-shadow:4px 4px  
4px 4px #8A4C30; box-shadow:4px 4px 4px  
4px #8A4C30 }
```

# Background

The CSS property to change the background color of an element to Hex 8A4C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A4C30 }
```

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

```
.background{ background-color:#8A4C30 }
```

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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