

Converting Colors

Hex(813C2C)

Have a look what the booklet for
Hex(813C2C) contains.

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Color

Hex(813C2C)

Conversions

Conversions Part 1

Format	Color
Hex	813C2C
RGB	129, 60, 44
RGB Percent	51%, 24%, 17%
CMY	0.4941, 0.7647, 0.8275
CMYK	0.00, 0.53, 0.66, 0.49
HSL	11°, 49%, 34%
HSV	11°, 66%, 51%
XYZ	11.1237, 8.0807, 3.3563
YIQ	78.8070, 46.2600, 9.6520

Conversions

Conversions Part 2

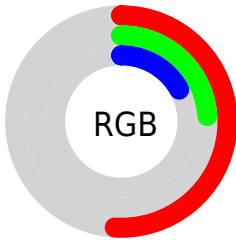
Format	Color
R_{YB}	129, 64, 44
Decimal	8469548
CIE _{Lab}	34.15, 28.41, 23.76
CIE _{LCh}	34, 37.032, 39.906
Yxy	8.0807, 0.4931, 0.3582
Android (android.graphics.Color)	4286659628 (0xFF813C2C)
YUV	78.8070, -17.1599, 44.0193
Hunter-Lab	28.4266, 20.1033, 12.8982

Details

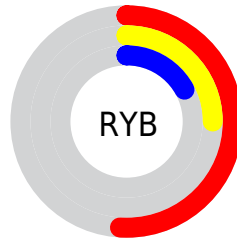
The Hex color **813C2C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2C7181**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BA6D5A**, and **4B0C00** is the 20% darker color. If you saturate the color by 10%, you get **81321F**, and if you desaturate by 10%, it is **814639**.

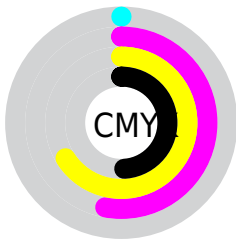
Distribution



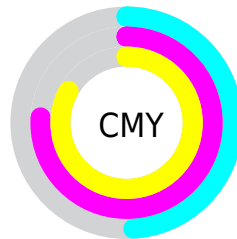
- Red (51%)
- Green (24%)
- Blue (17%)



- Red (51%)
- Yellow (25%)
- Blue (17%)



- Cyan (0%)
- Magenta (53%)
- Yellow (66%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813C2C 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 813C2C by changing the saturation by 10% instead.



813C2C



813C2C

FFFFFF



652417



BA6D5A



4B0C00



D78773



310000



F5A28C



080000



FFBDA7



000000



FFD9C2



FFF6DE



FFFFFFB



813C2C



813C2C

■ 81321F

■ 814639

■ 812712

■ 815146

■ 811D05

■ 815B53

■ 811800

■ 816660

■ 81706D

■ 817B79

■ 818586

■ 819093

■ 819AA0

Harmonies

Analogous

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



863548



813C2C



704817

Triad

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



813C2C



005D3B



28508A

Complementary

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



813C2C



2C7181

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.



005987



813C2C



005F5A

Square

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



813C2C



375920



005D75



5F447E

Rectangle

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



813C2C



604F10



005D75



00548B

Sweetspot

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



813C2C



A88D87



812C71



544440



D4D4D4



545454

Same Dimension

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



813C2C



A83C23



81662C



403B39



801800



000000

Inverse Universe

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



2C7181



238FA8



2C4781



393F40



006780



000000

Previews

White Background



This preview shows how the Hex color 813C2C looks on a white background.

Color Contrast Check

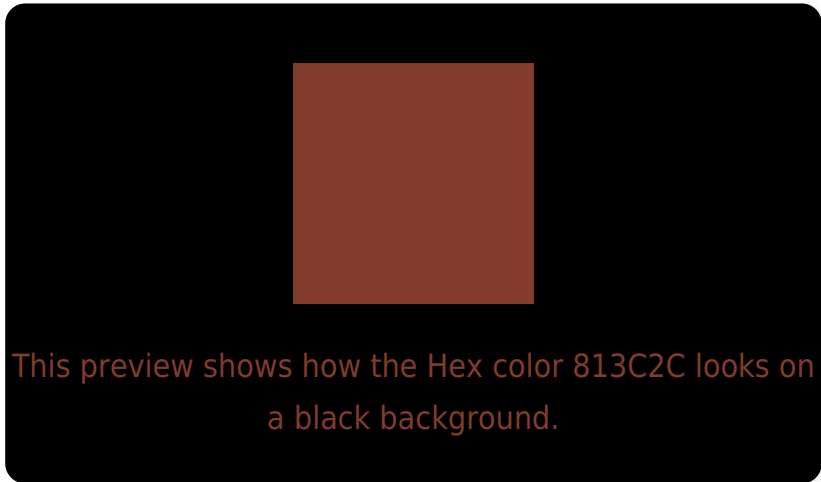
Large Text (above 18pt) WCAG AA ✓ Pass

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

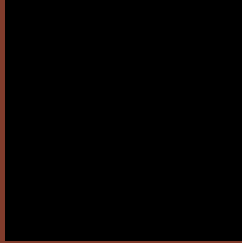
Any Text WCAG AA × Fail

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 813C2C Background



This preview shows how black text looks on a background with the Hex color 813C2C.

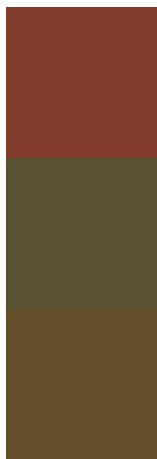


This preview shows how white text looks on a background with the Hex color 813C2C.

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
813C2C

Protanopia
585134

Deuteranopia
644D29



Tritanopia
823A3E

Trichromacy



Original Color
813C2C

Protanomaly
674931

Deuteranomaly
6F472A

Tritanomaly
823B37

Monochromacy



Original Color
813C2C

Achromatopsia
4F4F4F

Achromatomaly
614842

CSS Examples

Text

The CSS property to change the color of the text to Hex 813C2C 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 #813C2C looks like.

```
.text, #text, p{  
    color:#813C2C  
}
```

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 #813C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813C2C
}
```

Border

The CSS property to change the border of an element to Hex 813C2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

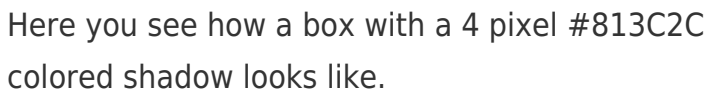
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813C2C }
```

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

```
.border{ border-color:#813C2C }
```

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



Here you see how a box with a 4 pixel #813C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813C2C; -webkit-box-shadow:4px 4px  
4px 4px #813C2C; box-shadow:4px 4px 4px  
4px #813C2C }
```

Background

The CSS property to change the background color of an element to Hex 813C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813C2C }
```

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

```
.background{ background-color:#813C2C }
```

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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