

Converting Colors

Hex(813C31)

Have a look what the booklet for
Hex(813C31) contains.

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Color

Hex(813C31)

Conversions

Conversions Part 1

Format	Color
Hex	813C31
RGB	129, 60, 49
RGB Percent	51%, 24%, 19%
CMY	0.4941, 0.7647, 0.8078
CMYK	0.00, 0.53, 0.62, 0.49
HSL	8°, 45%, 35%
HSV	8°, 62%, 51%
XYZ	11.2235, 8.1206, 3.8816
YIQ	79.3770, 44.6550, 11.2070

Conversions

Conversions Part 2

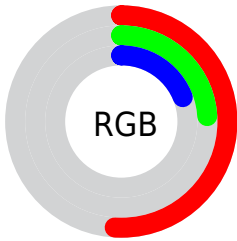
Format	Color
R_{YB}	129, 62, 49
Decimal	8469553
CIE Lab	34.23, 28.78, 20.78
CIE LCh	34, 35.501, 35.836
Yxy	8.1206, 0.4832, 0.3496
Android (android.graphics.Color)	4286659633 (0xFF813C31)
YUV	79.3770, -14.9759, 43.5194
Hunter-Lab	28.4967, 20.4336, 11.8716

Details

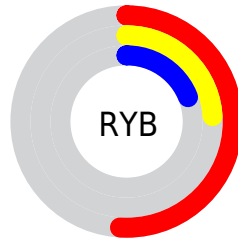
The Hex color **813C31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **317681**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B96D5F**, and **4B0C03** is the 20% darker color. If you saturate the color by 10%, you get **813124**, and if you desaturate by 10%, it is **81473E**.

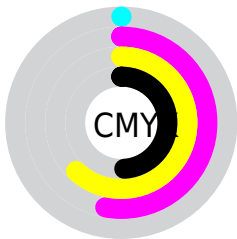
Distribution



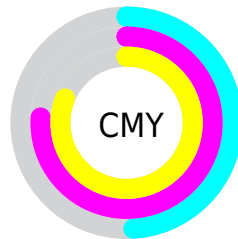
- Red (51%)
- Green (24%)
- Blue (19%)



- Red (51%)
- Yellow (24%)
- Blue (19%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (49%)




- Cyan (49%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813C31 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 813C31 by changing the saturation by 10% instead.

 813C31

 813C31

FFFFFF

 66241C

 B96D5F

 4B0C03

 D78778

 310000

 F4A292


 0A0000

 FFBDAD


 000000

 FFD9C8

 FFF6E4

 813C31

 813C31

 813124

 81473E

■ 812617

■ 81524B

■ 811B0A

■ 815D58

■ 811200

■ 816965

■ 817472

■ 817F7E

■ 818A8B

■ 819598

■ 81A0A5

Harmonies

Analogous

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



84374C



813C31



72471C

Triad

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



813C31



0C5D38



215289

Complementary

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



813C31



317681

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.



005A84



813C31



005E55

Square

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



813C31



3D5820



005D71



59477E

Rectangle

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



813C31



634E14



005D71



005589

Sweetspot

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



813C31



A88D88



813176



544341



D4D4D4



545454

Same Dimension

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



813C31



A83D2C



816431



403A39



801200



000000

Inverse Universe

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



317681



2C97A8



314E81



393F40



006E80



000000

Previews

White Background



This preview shows how the Hex color 813C31 looks on a white background.

Color Contrast Check

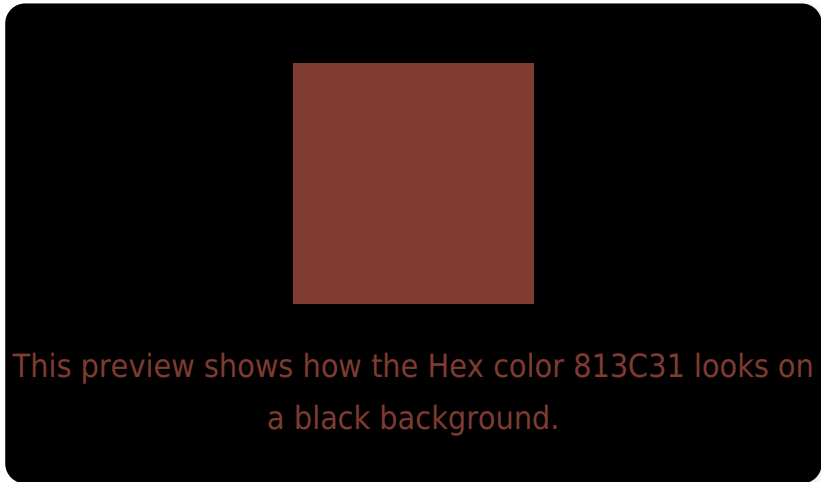
Large Text (above 18pt) WCAG AA ✓ Pass

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 813C31 Background



This preview shows how black text looks on a background with the Hex color 813C31.

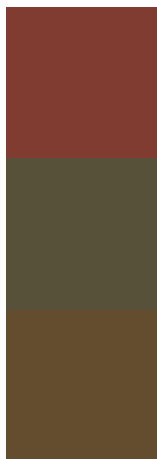


This preview shows how white text looks on a background with the Hex color 813C31.

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
813C31

Protanopia
585139

Deuteranopia
634D2E



Tritanopia
823A3E

Trichromacy



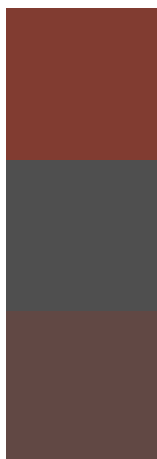
Original Color
813C31

Protanomaly
674936

Deuteranomaly
6E472F

Tritanomaly
823B39

Monochromacy



Original Color
813C31

Achromatopsia
4F4F4F

Achromatomaly
614844

CSS Examples

Text

The CSS property to change the color of the text to Hex 813C31 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 #813C31 looks like.

```
.text, #text, p{  
    color:#813C31  
}
```

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 #813C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813C31
}
```

Border

The CSS property to change the border of an element to Hex 813C31 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".

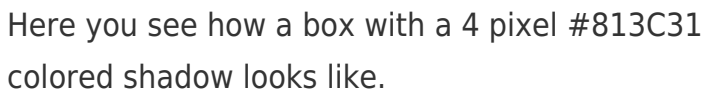
```
.border, #border, table{ border:4px solid
#813C31 }
```

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

```
.border{ border-color:#813C31 }
```

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

Here you see how a box with a 4 pixel #813C31 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813C31; -webkit-box-shadow:4px 4px  
4px 4px #813C31; box-shadow:4px 4px 4px  
4px #813C31 }
```

Background

The CSS property to change the background color of an element to Hex 813C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813C31 }
```

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

```
.background{ background-color:#813C31 }
```

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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