

Converting Colors

Hex(831E44)

Have a look what the booklet for
Hex(831E44) contains.

Hex(831E44)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(831E44)

Conversions

Conversions Part 1

Format	Color
Hex	831E44
RGB	131, 30, 68
RGB Percent	51%, 12%, 27%
CMY	0.4863, 0.8824, 0.7333
CMYK	0.00, 0.77, 0.48, 0.49
HSL	337°, 63%, 32%
HSV	337°, 77%, 51%
XYZ	10.8677, 6.1712, 6.0872
YIQ	64.5310, 47.9980, 33.2300

Conversions

Conversions Part 2

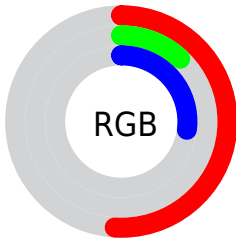
Format	Color
R_{YB}	131, 30, 68
Decimal	8592964
CIE Lab	29.84, 45.09, 2.56
CIE LCh	30, 45.167, 3.250
Yxy	6.1712, 0.4699, 0.2668
Android (android.graphics.Color)	4286783044 (0xFF831E44)
YUV	64.5310, 1.7102, 58.2933
Hunter-Lab	24.8419, 34.6162, 2.8610

Details

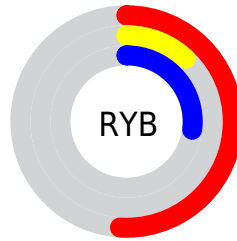
The Hex color **831E44** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E835D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BC5474**, and **4C0019** is the 20% darker color. If you saturate the color by 10%, you get **83113C**, and if you desaturate by 10%, it is **832B4C**.

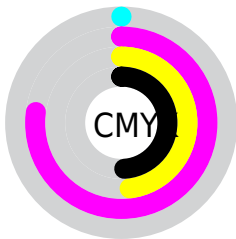
Distribution



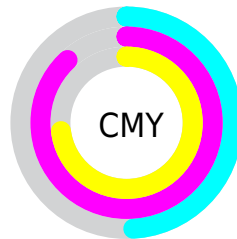
- Red (51%)
- Green (12%)
- Blue (27%)



- Red (51%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (48%)
- Black (49%)



- Cyan (49%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 831E44 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 831E44 by changing the saturation by 10% instead.



831E44



831E44

FFFFFF



67002E



BC5474



4C0019



D96E8D



350002



F789A8



030000



FFA4C3



000000



FFC0DF



FFDDFB



FFFAFF



831E44



831E44

■ 83113C

■ 832B4C

■ 830434

■ 833854

■ 830031

■ 83455D

■ 835265

■ 83606D

■ 836D75

■ 837A7D

■ 838785

■ 83948E

Harmonies

Analogous

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



732967



831E44



802722

Triad

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



831E44



2E4F00



005285

Complementary

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



831E44



1E835D

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.



00566C



831E44



005425

Square

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



831E44



534600



005649



00498D

Rectangle

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



831E44



75330C



005649



00547E

Sweetspot

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



831E44



AB8492



5C1E83



573E48



D6D6D6



575757

Same Dimension

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



831E44



AB0C48



832A1E



423C3E



820031



030001

Inverse Universe

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



831E44



AB0C48



1E7783



423C3E



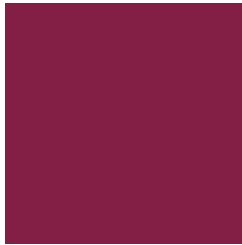
820031



030001

Previews

White Background



This preview shows how the Hex color 831E44 looks on a white background.

Color Contrast Check

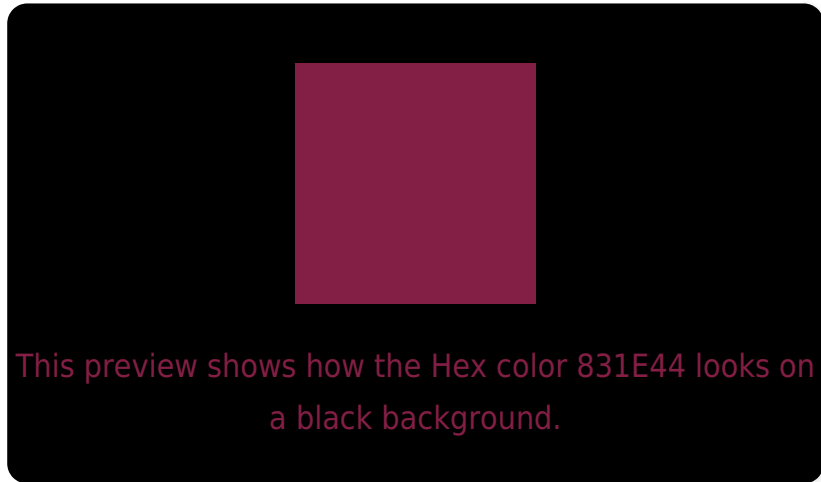
Large Text (above 18pt) WCAG AA ✓ Pass

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 831E44 Background



This preview shows how black text looks on a background with the Hex color 831E44.

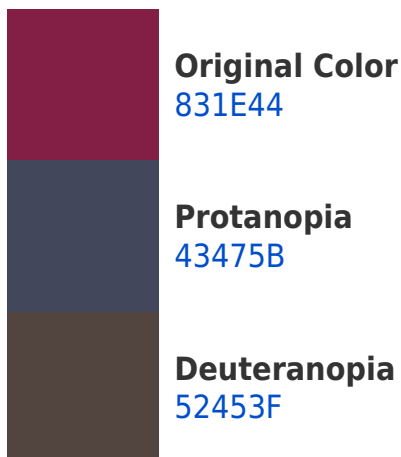


This preview shows how white text looks on a background with the Hex color 831E44.

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





Tritanopia
812627

Trichromacy



Original Color
831E44

Protanomaly
5A3853

Deuteranomaly
643741

Tritanomaly
822332

Monochromacy



Original Color
831E44

Achromatopsia
414141

Achromatomaly
593442

CSS Examples

Text

The CSS property to change the color of the text to Hex 831E44 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 #831E44 looks like.

```
.text, #text, p{  
    color:#831E44  
}
```

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 #831E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831E44  
}
```

Border

The CSS property to change the border of an element to Hex 831E44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

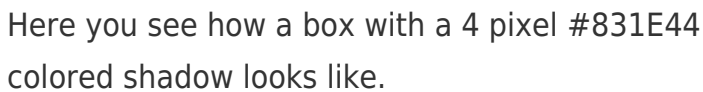
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#831E44 }
```

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

```
.border{ border-color:#831E44 }
```

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



Here you see how a box with a 4 pixel #831E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831E44; -webkit-box-shadow:4px 4px  
4px 4px #831E44; box-shadow:4px 4px 4px  
4px #831E44 }
```

Background

The CSS property to change the background color of an element to Hex 831E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831E44 }
```

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

```
.background{ background-color:#831E44 }
```

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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