

Converting Colors

Hex(831E2B)

Have a look what the booklet for
Hex(831E2B) contains.

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Color

Hex(831E2B)

Conversions

Conversions Part 1

Format	Color
Hex	831E2B
RGB	131, 30, 43
RGB Percent	51%, 12%, 17%
CMY	0.4863, 0.8824, 0.8314
CMYK	0.00, 0.77, 0.67, 0.49
HSL	352°, 63%, 32%
HSV	352°, 77%, 51%
XYZ	10.2604, 5.9283, 2.8890
YIQ	61.6810, 56.0230, 25.4550

Conversions

Conversions Part 2

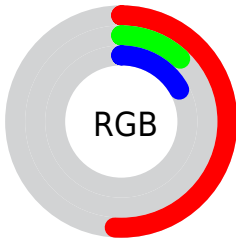
Format	Color
R_{YB}	131, 30, 43
Decimal	8592939
CIE Lab	29.23, 43.11, 18.33
CIE LCh	29, 46.849, 23.035
Yxy	5.9283, 0.5378, 0.3107
Android (android.graphics.Color)	4286783019 (0xFF831E2B)
YUV	61.6810, -9.2097, 60.7928
Hunter-Lab	24.3480, 32.6119, 10.0086

Details

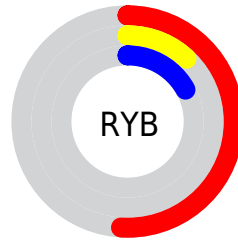
The Hex color **831E2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E8376**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BD5358**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **831120**, and if you desaturate by 10%, it is **832B36**.

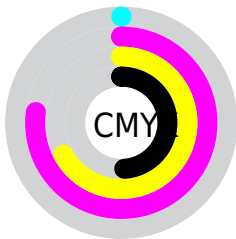
Distribution



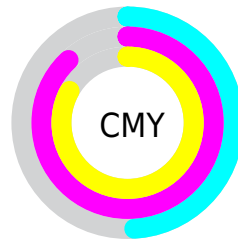
- Red (51%)
- Green (12%)
- Blue (17%)



- Red (51%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (49%)



- Cyan (49%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 831E2B 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 831E2B by changing the saturation by 10% instead.

 831E2B

 831E2B

FFFFFF

 670017

 BD5358

 4B0000

 DB6D71

 320002

 F9888A

 000000

 FFA3A4

 FFBFBF

 FFDCDB

 FFF9F8

 831E2B

 831E2B

■ 831120

■ 832B36

■ 830414

■ 833842

■ 830011

■ 83454D

■ 835259

■ 836064

■ 836D6F

■ 837A7B

■ 838786

■ 839492

Harmonies

Analogous

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



801B4F



831E2B



753007

Triad

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



831E2B



005115



004C8D

Complementary

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



831E2B



1E8376

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.



00537F



831E2B



00543B

Square

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



831E2B



3A4B00



005560



2E3F88

Rectangle

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



831E2B



653C00



005560



004F8B

Sweetspot

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



831E2B



AB8489



761E83



573E42



D6D6D6



575757

Same Dimension

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



831E2B



AB0C20



83431E



423C3D



820011



030000

Inverse Universe

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



831E2B



AB0C20



1E5E83



423C3D



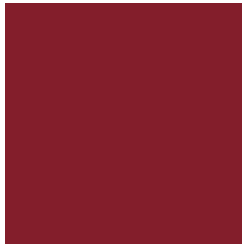
820011



030000

Previews

White Background



This preview shows how the Hex color 831E2B looks on a white background.

Color Contrast Check

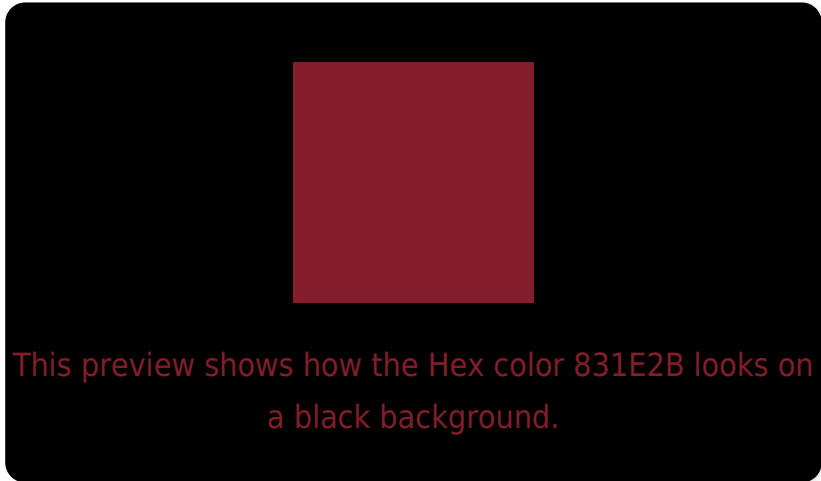
Large Text (above 18pt) WCAG AA ✓ Pass

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 831E2B Background



This preview shows how black text looks on a background with the Hex color 831E2B.

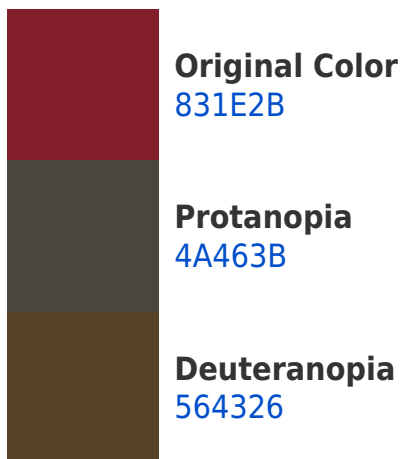


This preview shows how white text looks on a background with the Hex color 831E2B.

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



Trichromacy



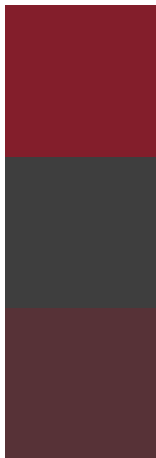
Original Color
831E2B

Protanomaly
5F3735

Deuteranomaly
663628

Tritanomaly
831F25

Monochromacy



Original Color
831E2B

Achromatopsia
3E3E3E

Achromatomaly
573237

CSS Examples

Text

The CSS property to change the color of the text to Hex 831E2B 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 #831E2B looks like.

```
.text, #text, p{  
    color:#831E2B  
}
```

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 #831E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831E2B
}
```

Border

The CSS property to change the border of an element to Hex 831E2B 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
#831E2B }
```

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

```
.border{ border-color:#831E2B }
```

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

Here you see how a box with a 4 pixel #831E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831E2B; -webkit-box-shadow:4px 4px  
4px 4px #831E2B; box-shadow:4px 4px 4px  
4px #831E2B }
```

Background

The CSS property to change the background color of an element to Hex 831E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831E2B }
```

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

```
.background{ background-color:#831E2B }
```

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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