

Converting Colors

Hex(851E2B)

Have a look what the booklet for
Hex(851E2B) contains.

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Color

Hex(851E2B)

Conversions

Conversions Part 1

Format	Color
Hex	851E2B
RGB	133, 30, 43
RGB Percent	52%, 12%, 17%
CMY	0.4784, 0.8824, 0.8314
CMYK	0.00, 0.77, 0.68, 0.48
HSL	352°, 63%, 32%
HSV	352°, 77%, 52%
XYZ	10.5732, 6.0895, 2.9036
YIQ	62.2790, 57.2150, 25.8790

Conversions

Conversions Part 2

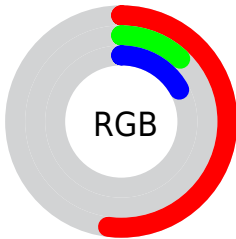
Format	Color
R _Y B	133, 30, 43
Decimal	8724011
CIE Lab	29.64, 43.76, 18.93
CIE LCh	30, 47.677, 23.397
Yxy	6.0895, 0.5404, 0.3112
Android (android.graphics.Color)	4286914091 (0xFF851E2B)
YUV	62.2790, -9.5045, 62.0223
Hunter-Lab	24.6769, 33.2962, 10.2975

Details

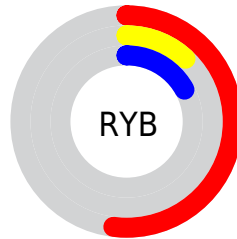
The Hex color **851E2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E8578**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BF5458**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **85111F**, and if you desaturate by 10%, it is **852B37**.

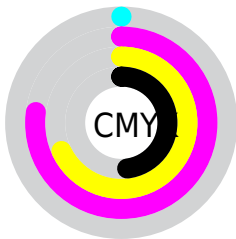
Distribution



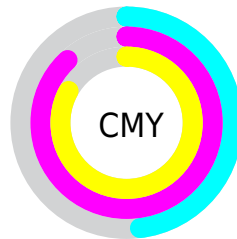
- Red (52%)
- Green (12%)
- Blue (17%)



- Red (52%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (68%)
- Black (48%)



- Cyan (48%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851E2B 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 851E2B by changing the saturation by 10% instead.

 851E2B

 851E2B

FFFFFF

 680017

 BF5458

 4D0000

 DD6E71

 340002

 FC898A

 000000

 FFA4A4

 FFC0BF

 FFDCDB

 FFF9F8

 851E2B

 851E2B

■ 85111F

■ 852B37

■ 850314

■ 853942

■ 850011

■ 85464E

■ 855359

■ 856165

■ 856E71

■ 857B7C

■ 858888

■ 859694

Harmonies

Analogous

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



821A50



851E2B



773106

Triad

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



851E2B



005315



004D90

Complementary

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



851E2B



1E8578

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.



005481



851E2B



00553C

Square

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



851E2B



3A4C00



005662



2F408A

Rectangle

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



851E2B



663C00



005662



00508D

Sweetspot

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



851E2B



AD868B



771E85



573E41



D6D6D6



575757

Same Dimension

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



851E2B



AD0C20



85441E



423C3D



820010



030000

Inverse Universe

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



851E2B



AD0C20



1E5F85



423C3D



820010



030000

Previews

White Background



This preview shows how the Hex color 851E2B 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 851E2B Background



This preview shows how black text looks on a background with the Hex color 851E2B.

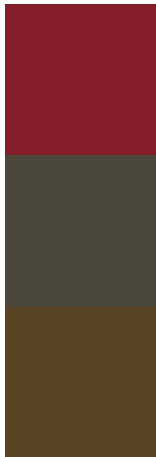


This preview shows how white text looks on a background with the Hex color 851E2B.

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
851E2B

Protanopia
4B473B

Deuteranopia
584425

Trichromacy



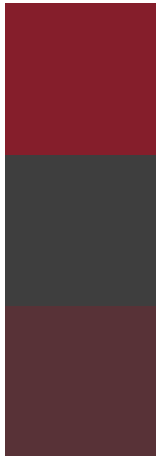
Original Color
851E2B

Protanomaly
603835

Deuteranomaly
683627

Tritanomaly
851F25

Monochromacy



Original Color
851E2B

Achromatopsia
3E3E3E

Achromatomaly
583237

CSS Examples

Text

The CSS property to change the color of the text to Hex 851E2B 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 #851E2B looks like.

```
.text, #text, p{  
    color:#851E2B  
}
```

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 #851E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851E2B
}
```

Border

The CSS property to change the border of an element to Hex 851E2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

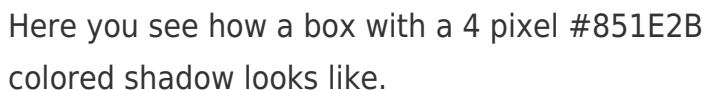
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851E2B }
```

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

```
.border{ border-color:#851E2B }
```

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



Here you see how a box with a 4 pixel #851E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851E2B; -webkit-box-shadow:4px 4px  
4px 4px #851E2B; box-shadow:4px 4px 4px  
4px #851E2B }
```

Background

The CSS property to change the background color of an element to Hex 851E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851E2B }
```

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

```
.background{ background-color:#851E2B }
```

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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