

# Converting Colors

Hex(851E2C)

Have a look what the booklet for  
Hex(851E2C) contains.

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# Color

Hex(851E2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	851E2C
RGB	133, 30, 44
RGB Percent	52%, 12%, 17%
CMY	0.4784, 0.8824, 0.8275
CMYK	0.00, 0.77, 0.67, 0.48
HSL	352°, 63%, 32%
HSV	352°, 77%, 52%
XYZ	10.5918, 6.0969, 3.0015
YIQ	62.3930, 56.8940, 26.1900

# Conversions

## Conversions Part 2

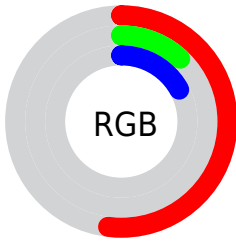
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 30, 44</a>
Decimal	<a href="#">8724012</a>
CIELab	<a href="#">29.66, 43.82, 18.30</a>
CIElCh	<a href="#">30, 47.486, 22.668</a>
Yxy	<a href="#">6.0969, 0.5379, 0.3096</a>
Android (android.graphics.Color)	<a href="#">4286914092 (0xFF851E2C)</a>
YUV	<a href="#">62.3930, -9.0677, 61.9223</a>
Hunter-Lab	<a href="#">24.6920, 33.3576, 10.0774</a>

# Details

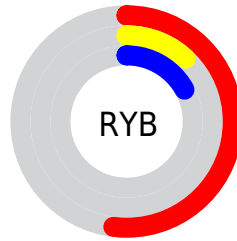
The Hex color **851E2C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E8577**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BF5459**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **851121**, and if you desaturate by 10%, it is **852B37**.

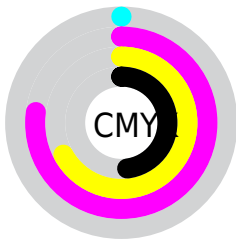
# Distribution



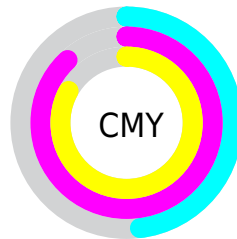
- Red (52%)
- Green (12%)
- Blue (17%)



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



- Cyan (0%)
- Magenta (77%)
- Yellow (67%)
- Black (48%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 851E2C 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 851E2C by changing the saturation by 10% instead.



 851E2C

 851E2C

FFFFFF

 680018

 BF5459

 4D0000

 DD6E72

 340002

 FC898B

 000000

 FFA4A6

 FFC0C1

 FFDCDD

 FFF9F9

 851E2C

 851E2C

■ 851121

■ 852B37

■ 850315

■ 853943

■ 850012

■ 85464E

■ 85535A

■ 856165

■ 856E71

■ 857B7C

■ 858888

■ 859693

# Harmonies

## Analogous

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



821B51



851E2C



773108

# Triad

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



851E2C



005314



004D90

# Complementary

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



851E2C



1E8577

# 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.



005480



851E2C



00553B

# Square

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



851E2C



3B4C00



005661



2D408B

# Rectangle

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



851E2C



673C00



005661



00508D



# Sweetspot

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



851E2C



AD868B



761E85



573E42



D6D6D6



575757



# Same Dimension

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



851E2C



AD0C22



85421E



423C3D



820012



030000



# Inverse Universe

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



851E2C



AD0C22



1E6185



423C3D



820012

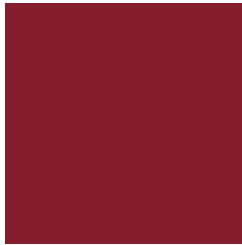


030000



# Previews

## White Background



This preview shows how the Hex color 851E2C 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 851E2C Background



This preview shows how black text looks on a background with the Hex color 851E2C.



This preview shows how white text looks on a background with the Hex color 851E2C.

# 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**  
851E2C

**Protanopia**  
4B473C

**Deuteranopia**  
574426



# Trichromacy



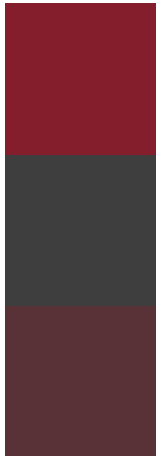
**Original Color**  
851E2C

**Protanomaly**  
603836

**Deuteranomaly**  
683628

**Tritanomaly**  
851F25

# Monochromacy



**Original Color**  
851E2C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
583237

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 851E2C 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 #851E2C looks like.

```
.text, #text, p{  
    color:#851E2C  
}
```

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 #851E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851E2C
}
```

## Border

The CSS property to change the border of an element to Hex 851E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

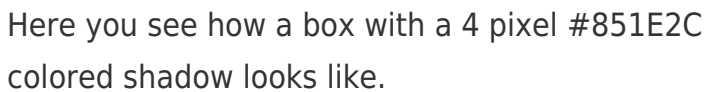
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851E2C }
```

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

```
.border{ border-color:#851E2C }
```

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



Here you see how a box with a 4 pixel #851E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851E2C; -webkit-box-shadow:4px 4px  
4px 4px #851E2C; box-shadow:4px 4px 4px  
4px #851E2C }
```

# Background

The CSS property to change the background color of an element to Hex 851E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851E2C }
```

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

```
.background{ background-color:#851E2C }
```

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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