

Converting Colors

Hex(830C1F)

Have a look what the booklet for
Hex(830C1F) contains.

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Color

Hex(830C1F)

Conversions

Conversions Part 1

Format	Color
Hex	830C1F
RGB	131, 12, 31
RGB Percent	51%, 5%, 12%
CMY	0.4863, 0.9529, 0.8784
CMYK	0.00, 0.91, 0.76, 0.49
HSL	350°, 83%, 28%
HSV	350°, 91%, 51%
XYZ	9.7389, 5.1872, 1.7843
YIQ	49.7470, 64.8250, 31.1370

Conversions

Conversions Part 2

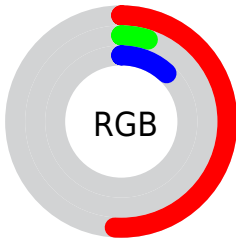
Format	Color
R_{YB}	131, 12, 31
Decimal	8588319
CIE _{Lab}	27.26, 47.50, 23.79
CIE _{LCh}	27, 53.122, 26.604
Yxy	5.1872, 0.5828, 0.3104
Android (android.graphics.Color)	4286778399 (0xFF830C1F)
YUV	49.7470, -9.2423, 71.2589
Hunter-Lab	22.7754, 36.4707, 11.2979

Details

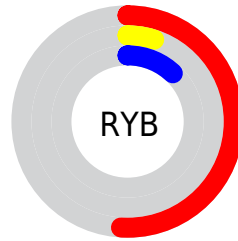
The Hex color **830C1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **0C8370**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **BE494B**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **830015**, and if you desaturate by 10%, it is **83192A**.

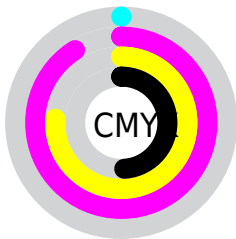
Distribution



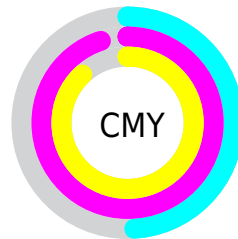
- Red (51%)
- Green (5%)
- Blue (12%)



- Red (51%)
- Yellow (5%)
- Blue (12%)



- Cyan (0%)
- Magenta (91%)
- Yellow (76%)
- Black (49%)



- Cyan (49%)
- Magenta (95%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830C1F 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 830C1F by changing the saturation by 10% instead.

 830C1F

 830C1F

FFFFFF

 660008

 BE494B

 490000

 DD6363

 2F0002

 FB7E7C

 000000

 FF9995

 FF5B0

 FFD2CC

 FFEFE8

 830C1F

 830C1F

■ 830015

■ 83192A

■ 832635

■ 833340

■ 83404B

■ 834E56

■ 835B61

■ 83686C

■ 837577

■ 838282

Harmonies

Analogous

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



830047



830C1F



712A00

Triad

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



830C1F



004E0D



004793

Complementary

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



830C1F



0C8370

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.



004F85



830C1F



00513A

Square

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



830C1F



2D4800



005164



2D388A

Rectangle

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



830C1F



5F3800



005164



004B91

Sweetspot

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



830C1F



AB7D84



6F0C83



573B3F



D6D6D6



575757

Same Dimension

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



830C1F



AB001B



83340C



423C3D



820015



030000

Inverse Universe

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



830C1F



AB001B



0C5B83



423C3D



820015



030000

Previews

White Background



This preview shows how the Hex color 830C1F looks on a white background.

Color Contrast Check

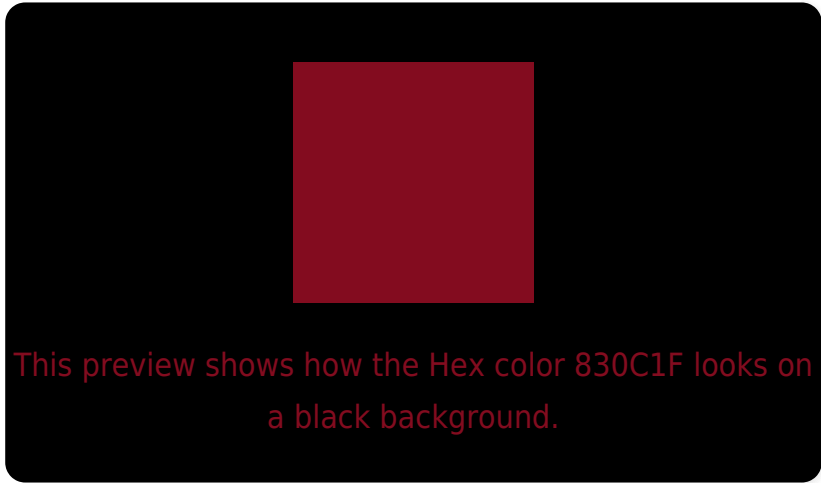
Large Text (above 18pt) WCAG AA ✓ Pass

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 830C1F Background



This preview shows how black text looks on a background with the Hex color 830C1F.



This preview shows how white text looks on a background with the Hex color 830C1F.

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
830C1F

Protanopia
48432E

Deuteranopia
544017

Trichromacy



Original Color
830C1F

Protanomaly
5D2F29

Deuteranomaly
652D1A

Tritanomaly
830F14

Monochromacy



Original Color
830C1F

Achromatopsia
323232

Achromatomaly
4F242B

CSS Examples

Text

The CSS property to change the color of the text to Hex 830C1F 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 #830C1F looks like.

```
.text, #text, p{  
    color:#830C1F  
}
```

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 #830C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830C1F }  
}
```

Border

The CSS property to change the border of an element to Hex 830C1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

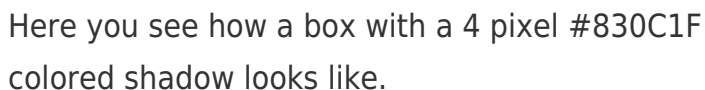
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #830C1F }  
}
```

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

```
.border{ border-color:#830C1F }
```

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



Here you see how a box with a 4 pixel #830C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830C1F; -webkit-box-shadow:4px 4px  
4px 4px #830C1F; box-shadow:4px 4px 4px  
4px #830C1F }
```

Background

The CSS property to change the background color of an element to Hex 830C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830C1F }
```

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

```
.background{ background-color:#830C1F }
```

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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