

Converting Colors

Hex(811B2C)

Have a look what the booklet for
Hex(811B2C) contains.

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Color

Hex(811B2C)

Conversions

Conversions Part 1

Format	Color
Hex	811B2C
RGB	129, 27, 44
RGB Percent	51%, 11%, 17%
CMY	0.4941, 0.8941, 0.8275
CMYK	0.00, 0.79, 0.66, 0.49
HSL	350°, 65%, 31%
HSV	350°, 79%, 51%
XYZ	9.8998, 5.6328, 2.9483
YIQ	59.4360, 55.3350, 26.9110

Conversions

Conversions Part 2

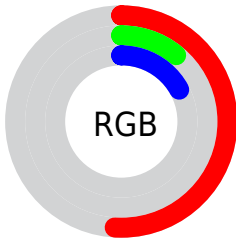
Format	Color
R_{YB}	129, 27, 44
Decimal	8461100
CIE _{Lab}	28.47, 43.59, 16.61
CIE _{LCh}	28, 46.643, 20.860
Yxy	5.6328, 0.5357, 0.3048
Android (android.graphics.Color)	4286651180 (0xFF811B2C)
YUV	59.4360, -7.6099, 61.0076
Hunter-Lab	23.7336, 32.9225, 9.2481

Details

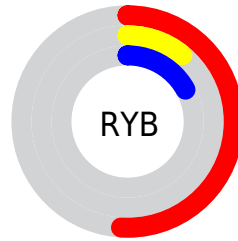
The Hex color **811B2C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1B8170**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BB5159**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **810E21**, and if you desaturate by 10%, it is **812837**.

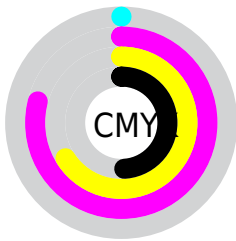
Distribution



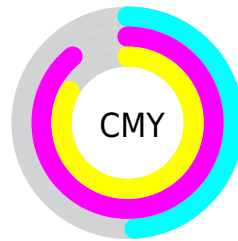
- Red (51%)
- Green (11%)
- Blue (17%)



- Red (51%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (79%)
- Yellow (66%)
- Black (49%)




- Cyan (49%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 811B2C 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 811B2C by changing the saturation by 10% instead.

 811B2C

 811B2C

FFFFFF

 650018

 BB5159

 490000

 D96B72

 300002

 F7868B


 000000


 FFA1A5

 FFBDC1

 FFD9DC

 FFF6F9

 811B2C

 811B2C

■ 810E21

■ 812837

■ 810117

■ 813542

■ 810016

■ 81424C

■ 814F57

■ 815C62

■ 81686D

■ 817577

■ 818282

■ 818F8D

Harmonies

Analogous

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



7D1A50



811B2C



742D09

Triad

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



811B2C



004F10



004B8B

Complementary

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



811B2C



1B8170

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.



00517B



811B2C



005237

Square

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



811B2C



3B4900



00535C



243E87

Rectangle

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



811B2C



653900



00535C



004D87

Sweetspot

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



811B2C



A88087



701B81



543C40



D4D4D4



545454

Same Dimension

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



811B2C



A80823



813D1B



40393A



800015



000000

Inverse Universe

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



811B2C



A80823



1B5F81



40393A



800015



000000

Previews

White Background



This preview shows how the Hex color 811B2C looks on a white background.

Color Contrast Check

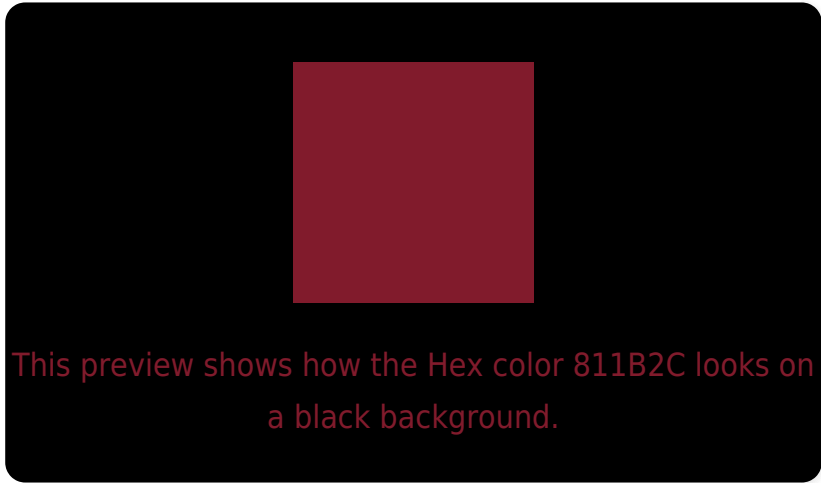
Large Text (above 18pt) WCAG AA ✓ Pass

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 811B2C Background



This preview shows how black text looks on a background with the Hex color 811B2C.

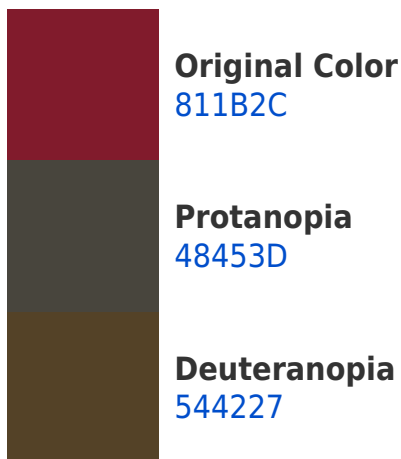


This preview shows how white text looks on a background with the Hex color 811B2C.

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
811E1E

Trichromacy



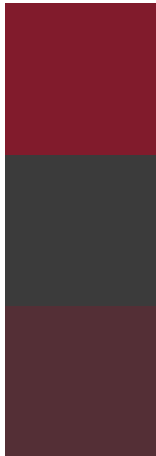
Original Color
811B2C

Protanomaly
5D3637

Deuteranomaly
643429

Tritanomaly
811D23

Monochromacy



Original Color
811B2C

Achromatopsia
3B3B3B

Achromatomaly
542F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 811B2C 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 #811B2C looks like.

```
.text, #text, p{  
    color:#811B2C  
}
```

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 #811B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #811B2C
}
```

Border

The CSS property to change the border of an element to Hex 811B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

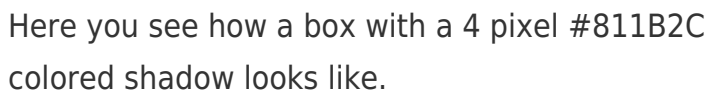
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#811B2C }
```

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

```
.border{ border-color:#811B2C }
```

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



Here you see how a box with a 4 pixel #811B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #811B2C; -webkit-box-shadow:4px 4px  
4px 4px #811B2C; box-shadow:4px 4px 4px  
4px #811B2C }
```

Background

The CSS property to change the background color of an element to Hex 811B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#811B2C }
```

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

```
.background{ background-color:#811B2C }
```

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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