

Converting Colors

Hex(811A26)

Have a look what the booklet for
Hex(811A26) contains.

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Color

Hex(811A26)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 811A26 |
| RGB | 129, 26, 38 |
| RGB Percent | 51%, 10%, 15% |
| CMY | 0.4941, 0.8980, 0.8510 |
| CMYK | 0.00, 0.80, 0.71, 0.49 |
| HSL | 353°, 66%, 30% |
| HSV | 353°, 80%, 51% |
| XYZ | 9.7725, 5.5459, 2.3891 |
| YIQ | 58.1650, 57.5360, 25.5680 |

Conversions

Conversions Part 2

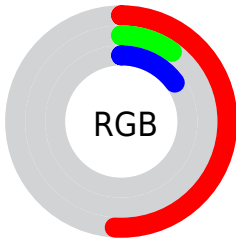
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 129, 26, 38 |
| Decimal | 8460838 |
| CIE _{Lab} | 28.24, 43.56, 20.28 |
| CIE _{LCh} | 28, 48.053, 24.961 |
| Yxy | 5.5459, 0.5519, 0.3132 |
| Android (android.graphics.Color) | 4286650918 (0xFF811A26) |
| YUV | 58.1650, -9.9413, 62.1223 |
| Hunter-Lab | 23.5496, 32.8611, 10.4698 |

Details

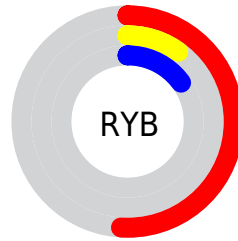
The Hex color **811A26** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1A8175**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **BB5053**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **810D1B**, and if you desaturate by 10%, it is **812731**.

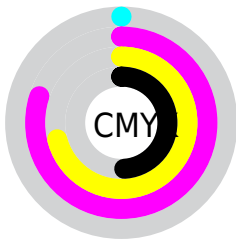
Distribution



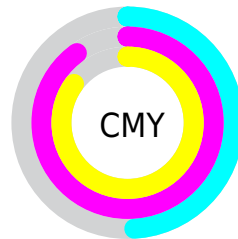
- Red (51%)
- Green (10%)
- Blue (15%)



- Red (51%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (49%)



- Cyan (49%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 811A26 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 811A26 by changing the saturation by 10% instead.



811A26



811A26

FFFFFF



640012



BB5053



490000



D96A6B



2F0002



F88584



000000



FFA09E



FFBCB9



FFD8D5



FFF5F1



811A26



811A26

■ 810D1B

■ 812731

■ 81000F

■ 81343D

■ 814148

■ 814E54

■ 815A5F

■ 81676A

■ 817476

■ 818181

■ 818E8D

Harmonies

Analogous

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



7F144B



811A26



722E00

Triad

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



811A26



004F13



00498D

Complementary

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



811A26



1A8175

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.



00507F



811A26



00523B

Square

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



811A26



344A00



005361



303C86

Rectangle

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



811A26



613A00



005361



004C8B

Sweetspot

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



811A26



A88085



751A81



543C3F



D4D4D4



545454

Same Dimension

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



811A26



A8071A



81411A



40393A



80000F



000000

Inverse Universe

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



811A26



A8071A



1A5A81



40393A



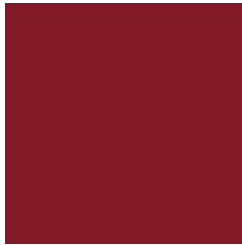
80000F



000000

Previews

White Background



This preview shows how the Hex color 811A26 looks on a white background.

Color Contrast Check

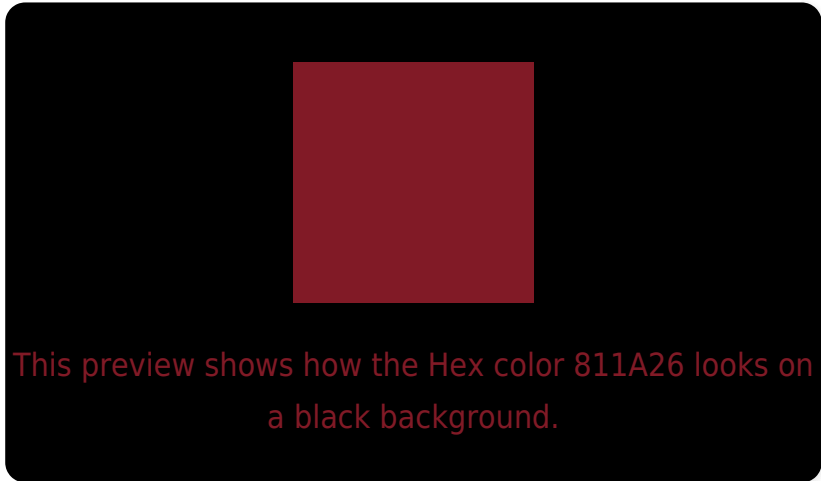
Large Text (above 18pt) WCAG AA ✓ Pass

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 811A26 Background



This preview shows how black text looks on a background with the Hex color 811A26.

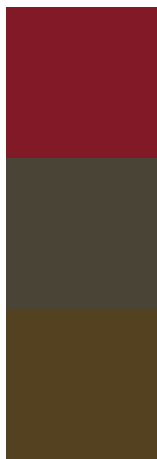


This preview shows how white text looks on a background with the Hex color 811A26.

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
811A26

Protanopia
494435

Deuteranopia
544120

Trichromacy



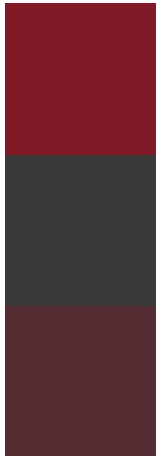
Original Color
811A26

Protanomaly
5D3530

Deuteranomaly
643322

Tritanomaly
811B20

Monochromacy



Original Color
811A26

Achromatopsia
3A3A3A

Achromatomaly
542E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 811A26 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 #811A26 looks like.

```
.text, #text, p{  
    color:#811A26  
}
```

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 #811A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #811A26
}
```

Border

The CSS property to change the border of an element to Hex 811A26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

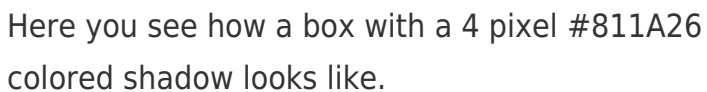
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#811A26 }
```

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

```
.border{ border-color:#811A26 }
```

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



Here you see how a box with a 4 pixel #811A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #811A26; -webkit-box-shadow:4px 4px  
4px 4px #811A26; box-shadow:4px 4px 4px  
4px #811A26 }
```

Background

The CSS property to change the background color of an element to Hex 811A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#811A26 }
```

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

```
.background{ background-color:#811A26 }
```

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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