

Converting Colors

Hex(801831)

Have a look what the booklet for
Hex(801831) contains.

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Color

Hex(801831)

Conversions

Conversions Part 1

Format	Color
Hex	801831
RGB	128, 24, 49
RGB Percent	50%, 9%, 19%
CMY	0.4980, 0.9059, 0.8078
CMYK	0.00, 0.81, 0.62, 0.50
HSL	346°, 68%, 30%
HSV	346°, 81%, 50%
XYZ	9.7831, 5.4642, 3.4448
YIQ	57.9460, 53.9590, 29.8230

Conversions

Conversions Part 2

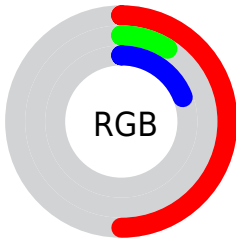
Format	Color
R_{YB}	128, 24, 49
Decimal	8394801
CIE _{Lab}	28.02, 44.59, 12.64
CIE _{LCh}	28, 46.346, 15.825
Yxy	5.4642, 0.5234, 0.2923
Android (android.graphics.Color)	4286584881 (0xFF801831)
YUV	57.9460, -4.4104, 61.4374
Hunter-Lab	23.3757, 33.7978, 7.6256

Details

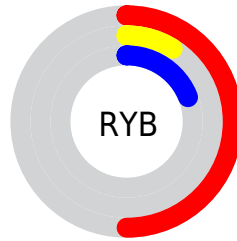
The Hex color **801831** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **188067**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **BA4F5F**, and **490001** is the 20% darker color. If you saturate the color by 10%, you get **800B27**, and if you desaturate by 10%, it is **80253B**.

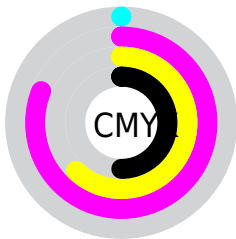
Distribution



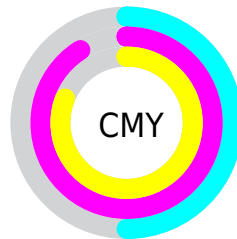
- Red (50%)
- Green (9%)
- Blue (19%)



- Red (50%)
- Yellow (9%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (62%)
- Black (50%)



- Cyan (50%)
- Magenta (91%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801831 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 801831 by changing the saturation by 10% instead.

 801831

 801831

FFFFFF

 64001C

 BA4F5F

 490001

 D76977

 2F0002

 F58491

 000000

 FF9FAC

 FFBBC7

 FFD7E3

 FFF4FF

 801831

 801831

■ 800B27

■ 80253B

■ 80001F

■ 803244

■ 803E4E

■ 804B58

■ 805862

■ 80656B

■ 807275

■ 807E7F

■ 808B89

Harmonies

Analogous

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



781B55



801831



76290F

Triad

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



801831



0F4D08



004B88

Complementary

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



801831



188067

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.



005075



801831



00512F

Square

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



801831



404600



005255



054087

Rectangle

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



801831



683500



005255



004D83

Sweetspot

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



801831



A67E88



661880



543C42



D4D4D4



545454

Same Dimension

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



801831



A6032A



803218



40393B



80001F



000000

Inverse Universe

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



801831



A6032A



186680



40393B



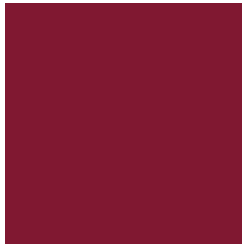
80001F



000000

Previews

White Background



This preview shows how the Hex color 801831 looks on a white background.

Color Contrast Check

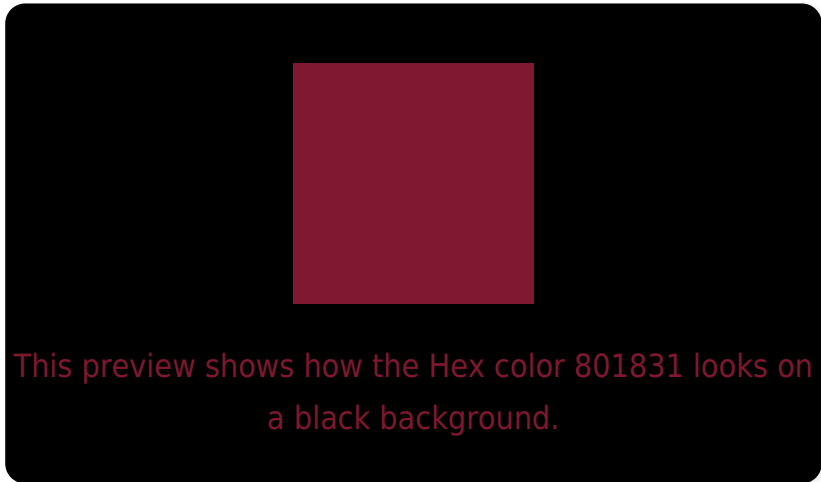
Large Text (above 18pt) WCAG AA ✓ Pass

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 801831 Background



This preview shows how black text looks on a background with the Hex color 801831.

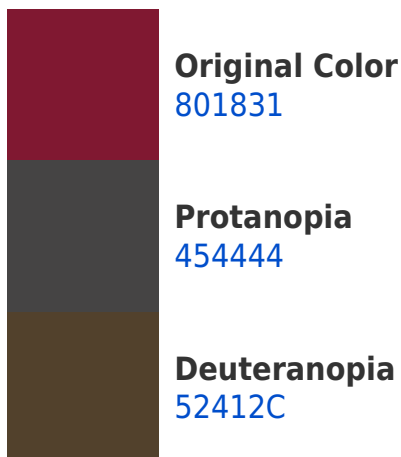


This preview shows how white text looks on a background with the Hex color 801831.

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
7F1D1D

Trichromacy



Original Color
801831

Protanomaly
5A343D

Deuteranomaly
63322E

Tritanomaly
7F1B24

Monochromacy



Original Color
801831

Achromatopsia
3A3A3A

Achromatomaly
532E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 801831 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 #801831 looks like.

```
.text, #text, p{  
    color:#801831  
}
```

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 #801831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801831
}
```

Border

The CSS property to change the border of an element to Hex 801831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

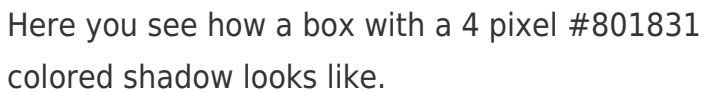
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801831 }
```

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

```
.border{ border-color:#801831 }
```

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



Here you see how a box with a 4 pixel #801831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801831; -webkit-box-shadow:4px 4px  
4px 4px #801831; box-shadow:4px 4px 4px  
4px #801831 }
```

Background

The CSS property to change the background color of an element to Hex 801831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801831 }
```

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

```
.background{ background-color:#801831 }
```

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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