

Converting Colors

Hex(801E31)

Have a look what the booklet for
Hex(801E31) contains.

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Color

Hex(801E31)

Conversions

Conversions Part 1

Format	Color
Hex	801E31
RGB	128, 30, 49
RGB Percent	50%, 12%, 19%
CMY	0.4980, 0.8824, 0.8078
CMYK	0.00, 0.77, 0.62, 0.50
HSL	348°, 62%, 31%
HSV	348°, 77%, 50%
XYZ	9.9207, 5.7395, 3.4907
YIQ	61.4680, 52.3090, 26.6850

Conversions

Conversions Part 2

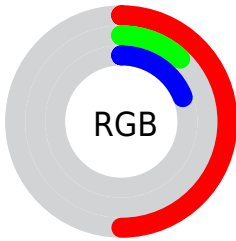
Format	Color
R_{YB}	128, 30, 49
Decimal	8396337
CIE _{Lab}	28.75, 42.55, 13.61
CIE _{LCh}	29, 44.673, 17.741
Yxy	5.7395, 0.5180, 0.2997
Android (android.graphics.Color)	4286586417 (0xFF801E31)
YUV	61.4680, -6.1467, 58.3486
Hunter-Lab	23.9572, 31.9920, 8.1312

Details

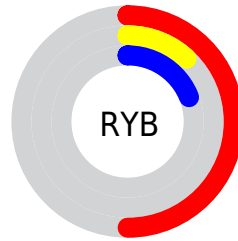
The Hex color **801E31** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E806D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BA535F**, and **490002** is the 20% darker color. If you saturate the color by 10%, you get **801127**, and if you desaturate by 10%, it is **802B3B**.

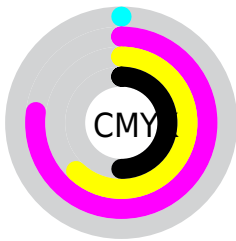
Distribution



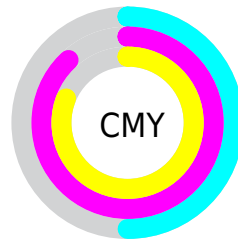
- Red (50%)
- Green (12%)
- Blue (19%)



- Red (50%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (62%)
- Black (50%)



- Cyan (50%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801E31 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 801E31 by changing the saturation by 10% instead.

 801E31

 801E31

FFFFFF

 64001C

 BA535F

 490002

 D76D78

 300002

 F58891

 000000

 FFA3AC

 FFBFC7

 FFD8E3

 FFF8FF

 801E31

 801E31

■ 801127

■ 802B3B

■ 80041C

■ 803846

■ 800019

■ 804450

■ 80515A

■ 805E65

■ 806B6F

■ 807879

■ 808484

■ 80918E

Harmonies

Analogous

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



7A1F53



801E31



752D10

Triad

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



801E31



104F10



004C88

Complementary

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



801E31



1E806D

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.



005276



801E31



005234

Square

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



801E31



404800



005358



1D4186

Rectangle

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



801E31



673800



005358



004E84

Sweetspot

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



801E31



A68087



6C1E80



543D41



D4D4D4



545454

Same Dimension

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



801E31



A60D2B



803B1E



40393B



800019



000000

Inverse Universe

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



801E31



A60D2B



1E6380



40393B



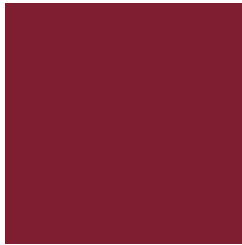
800019



000000

Previews

White Background



This preview shows how the Hex color 801E31 looks on a white background.

Color Contrast Check

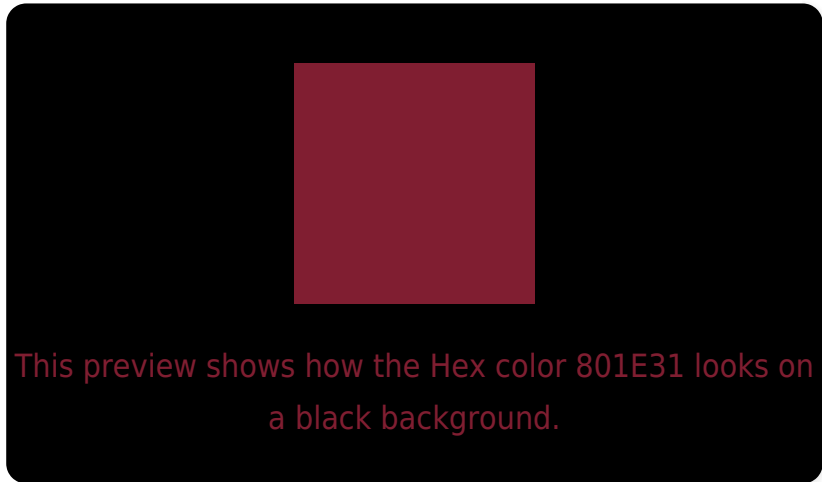
Large Text (above 18pt) WCAG AA ✓ Pass

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 801E31 Background



This preview shows how black text looks on a background with the Hex color 801E31.



This preview shows how white text looks on a background with the Hex color 801E31.

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
801E31

Protanopia
474542

Deuteranopia
54422C

Trichromacy



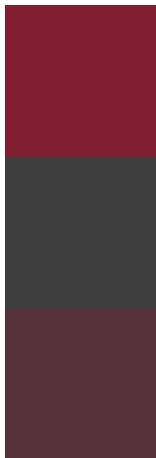
Original Color
801E31

Protanomaly
5C373C

Deuteranomaly
64352E

Tritanomaly
7F2027

Monochromacy



Original Color
801E31

Achromatopsia
3D3D3D

Achromatomaly
553239

CSS Examples

Text

The CSS property to change the color of the text to Hex 801E31 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 #801E31 looks like.

```
.text, #text, p{  
    color:#801E31  
}
```

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 #801E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801E31
}
```

Border

The CSS property to change the border of an element to Hex 801E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

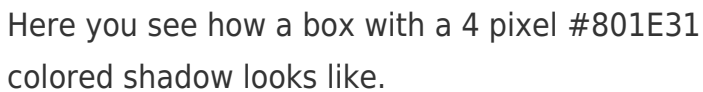
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801E31 }
```

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

```
.border{ border-color:#801E31 }
```

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



Here you see how a box with a 4 pixel #801E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801E31; -webkit-box-shadow:4px 4px  
4px 4px #801E31; box-shadow:4px 4px 4px  
4px #801E31 }
```

Background

The CSS property to change the background color of an element to Hex 801E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801E31 }
```

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

```
.background{ background-color:#801E31 }
```

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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