

Converting Colors

Hex(803131)

Have a look what the booklet for
Hex(803131) contains.

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Color

Hex(803131)

Conversions

Conversions Part 1

Format	Color
Hex	803131
RGB	128, 49, 49
RGB Percent	50%, 19%, 19%
CMY	0.4980, 0.8078, 0.8078
CMYK	0.00, 0.62, 0.62, 0.50
HSL	0°, 45%, 35%
HSV	0°, 62%, 50%
XYZ	10.5548, 7.0076, 3.7020
YIQ	72.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

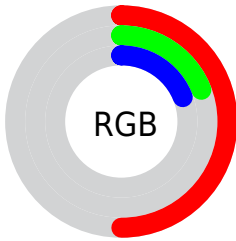
Format	Color
R_{YB}	128, 49, 49
Decimal	8401201
CIE _{Lab}	31.82, 34.19, 17.66
CIE _{LCh}	32, 38.484, 27.321
Yxy	7.0076, 0.4964, 0.3295
Android (android.graphics.Color)	4286591281 (0xFF803131)
YUV	72.6210, -11.6452, 48.5674
Hunter-Lab	26.4718, 24.8454, 10.2387

Details

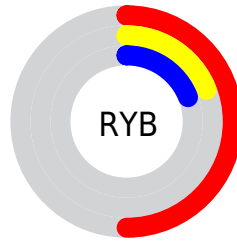
The Hex color **803131** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **318080**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B9635F**, and **4A0002** is the 20% darker color. If you saturate the color by 10%, you get **802424**, and if you desaturate by 10%, it is **803E3E**.

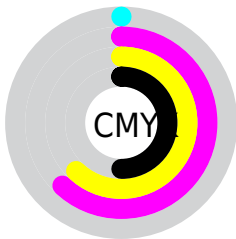
Distribution



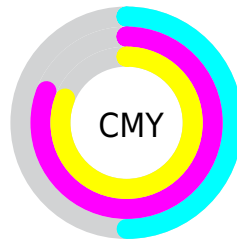
- Red (50%)
- Green (19%)
- Blue (19%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 803131 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 803131 by changing the saturation by 10% instead.

 803131

 803131

FFFFFF

 64181C

 B9635F

 4A0002

 D67C78

 310001

 F49792

 000000

 FFB2AC

 FFCEC7

 FFEBE3

 803131

 803131

 802424

 803E3E

 801717

 804B4B

 800B0B

 805757

 800000

 806464

 807171

 807E7E

 808B8B

 809797

 80A4A4

Harmonies

Analogous

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



7F2E4F



803131



733D17

Triad

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



803131



115628



004F87

Complementary

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



803131



318080

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.



00567D



803131



005947

Square

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



803131



3F510F



005966



464481

Rectangle

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



803131



65450A



005966



005286

Sweetspot

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



803131



A68686



803180



544141



D4D4D4



545454

Same Dimension

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



803131



A62B2B



805931



403939



800000



000000

Inverse Universe

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



318080



2BA6A6



315980



394040



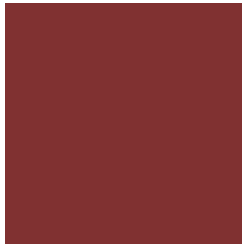
008080



000000

Previews

White Background



This preview shows how the Hex color 803131 looks on a white background.

Color Contrast Check

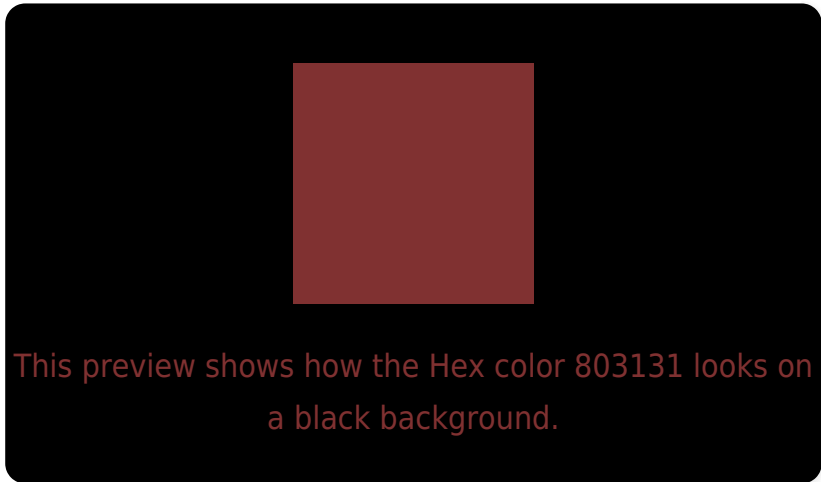
Large Text (above 18pt) WCAG AA ✓ Pass

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 803131 Background



This preview shows how black text looks on a background with the Hex color 803131.

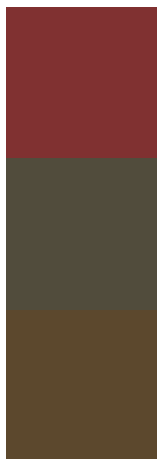


This preview shows how white text looks on a background with the Hex color 803131.

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
803131

Protanopia
514C3C

Deuteranopia
5C482D



Tritanopia
803134

Trichromacy



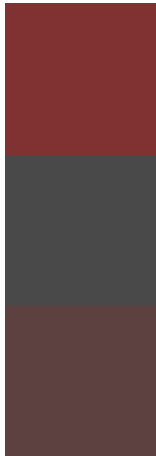
Original Color
803131

Protanomaly
624238

Deuteranomaly
69402E

Tritanomaly
803133

Monochromacy



Original Color
803131

Achromatopsia
494949

Achromatomaly
5D4040

CSS Examples

Text

The CSS property to change the color of the text to Hex 803131 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 #803131 looks like.

```
.text, #text, p{  
    color:#803131  
}
```

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 #803131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803131
}
```

Border

The CSS property to change the border of an element to Hex 803131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

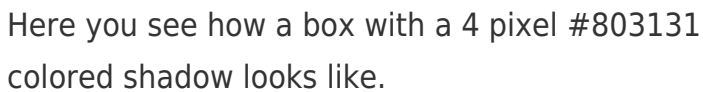
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803131 }
```

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

```
.border{ border-color:#803131 }
```

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



Here you see how a box with a 4 pixel #803131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803131; -webkit-box-shadow:4px 4px  
4px 4px #803131; box-shadow:4px 4px 4px  
4px #803131 }
```

Background

The CSS property to change the background color of an element to Hex 803131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803131 }
```

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

```
.background{ background-color:#803131 }
```

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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