

Converting Colors

Hex(811B00)

Have a look what the booklet for
Hex(811B00) contains.

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Color

Hex(811B00)

Conversions

Conversions Part 1

Format	Color
Hex	811B00
RGB	129, 27, 0
RGB Percent	51%, 11%, 0%
CMY	0.4941, 0.8941, 1.0000
CMYK	0.00, 0.79, 1.00, 0.49
HSL	13°, 100%, 25%
HSV	13°, 100%, 51%
XYZ	9.4452, 5.4510, 0.5543
YIQ	54.4200, 69.4590, 13.2270

Conversions

Conversions Part 2

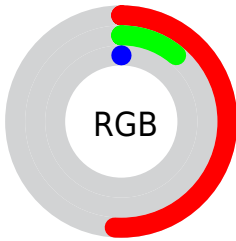
Format	Color
RYB	129, 34, 0
Decimal	8461056
CIELab	27.98, 42.01, 40.32
CIELCh	28, 58.229, 43.820
Yxy	5.4510, 0.6113, 0.3528
Android (android.graphics.Color)	4286651136 (0xFF811B00)
YUV	54.4200, -26.8291, 65.4067
Hunter-Lab	23.3474, 31.3544, 14.9354

Details

The Hex color **811B00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006681**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BD502F**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **811B00**, and if you desaturate by 10%, it is **81250D**.

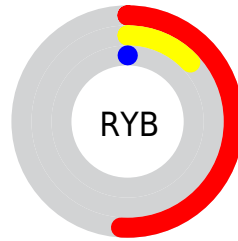
Distribution



Red (51%)

Green (11%)

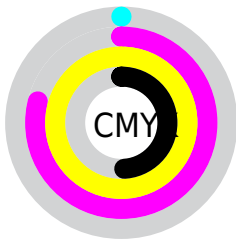
Blue (0%)



Red (51%)

Yellow (13%)

Blue (0%)

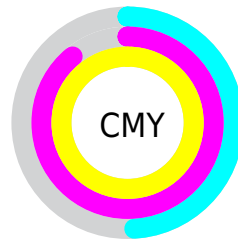


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (89%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 811B00 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 811B00 by changing the saturation by 10% instead.

 811B00

 811B00

 FFFFE5

 640000

 BD502F

 470000

 DC6A47

 2D0001

 FB845F


 000000

 FFA078

 FFBB92


 FFD8AD

 FFF4C9

 811B00

 81250D


 812F1A

 813A27


 814434

 814E41

 81584D

 81625A

 816D67

 817774

Harmonies

Analogous

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



8D0030



811B00



653700

Triad

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



811B00



005327



00419B

Complementary

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



811B00



006681

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.



004E99



811B00



005456

Square

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



811B00



004F00



005380



5B2984

Rectangle

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



811B00



4D4200



005380



00479D

Sweetspot

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



811B00



A88076



810067



543C36



D4D4D4



545454

Same Dimension

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



811B00



A82300



815A00



403B39



801B00



000000

Inverse Universe

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



006681



0085A8



002781



393E40



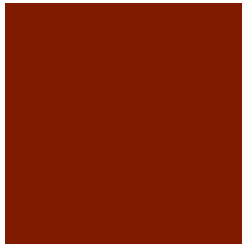
006580



000000

Previews

White Background



This preview shows how the Hex color 811B00 looks on a white background.

Color Contrast Check

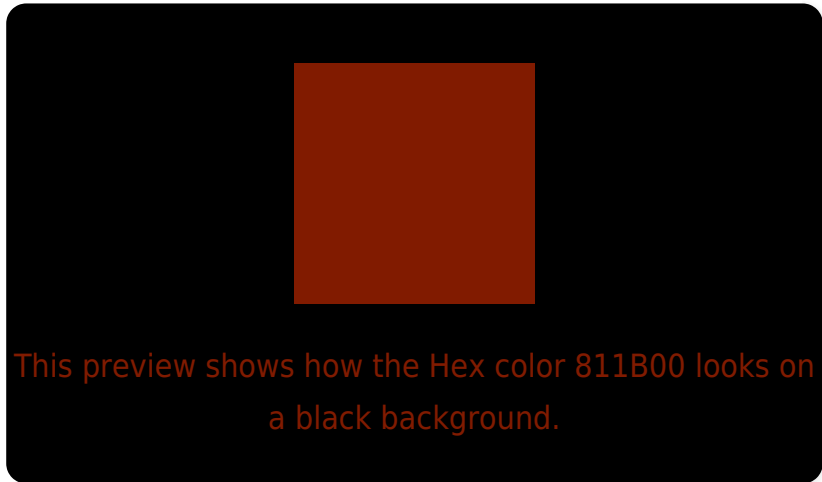
Large Text (above 18pt) WCAG AA ✓ Pass

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

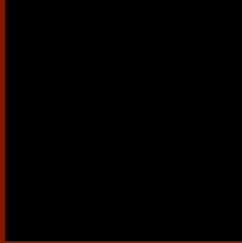
Any Text WCAG AA × Fail

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 811B00 Background



This preview shows how black text looks on a background with the Hex color 811B00.



This preview shows how white text looks on a background with the Hex color 811B00.

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
811B00

Protanopia
4C440F

Deuteranopia
564100



Tritanopia
811919

Trichromacy



Original Color
811B00

Protanomaly
5F350A

Deuteranomaly
663300

Tritanomaly
811A10

Monochromacy



Original Color
811B00

Achromatopsia
363636

Achromatomaly
512C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 811B00 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 #811B00 looks like.

```
.text, #text, p{  
    color:#811B00  
}
```

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 #811B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #811B00
}
```

Border

The CSS property to change the border of an element to Hex 811B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

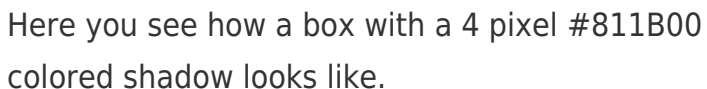
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#811B00 }
```

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

```
.border{ border-color:#811B00 }
```

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



Here you see how a box with a 4 pixel #811B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #811B00; -webkit-box-shadow:4px 4px  
4px 4px #811B00; box-shadow:4px 4px 4px  
4px #811B00 }
```

Background

The CSS property to change the background color of an element to Hex 811B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#811B00 }
```

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

```
.background{ background-color:#811B00 }
```

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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