

Converting Colors

Hex(851800)

Have a look what the booklet for
Hex(851800) contains.

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Color

Hex(851800)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 851800 |
| RGB | 133, 24, 0 |
| RGB Percent | 52%, 9%, 0% |
| CMY | 0.4784, 0.9059, 1.0000 |
| CMYK | 0.00, 0.82, 1.00, 0.48 |
| HSL | 11°, 100%, 26% |
| HSV | 11°, 100%, 52% |
| XYZ | 9.9995, 5.6398, 0.5616 |
| YIQ | 53.8550, 72.6680, 15.6440 |

Conversions

Conversions Part 2

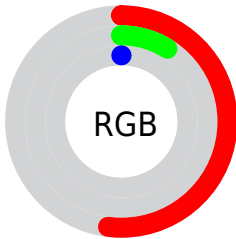
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 133, 29, 0 |
| Decimal | 8722432 |
| CIE Lab | 28.48, 44.29, 41.08 |
| CIE LCh | 28, 60.411, 42.844 |
| Yxy | 5.6398, 0.6172, 0.3481 |
| Android (android.graphics.Color) | 4286912512 (0xFF851800) |
| YUV | 53.8550, -26.5505, 69.4102 |
| Hunter-Lab | 23.7483, 33.6000, 15.2218 |

Details

The Hex color **851800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006D85**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **C24F2F**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **851800**, and if you desaturate by 10%, it is **85230D**.

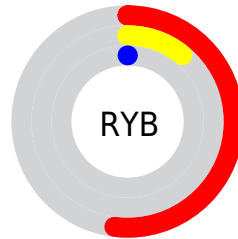
Distribution



Red (52%)

Green (9%)

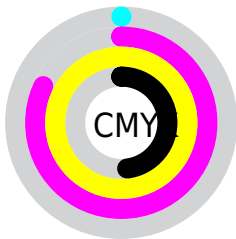
Blue (0%)



Red (52%)

Yellow (11%)

Blue (0%)

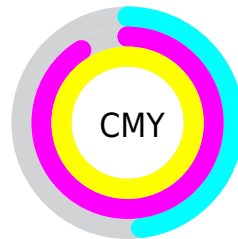


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851800 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 851800 by changing the saturation by 10% instead.

 851800

 851800

 FFFFE5

 670000

 C24F2F

 4A0000

 E16947

 300002

 FF845F

 000000

 FF9F78

 FFBB92

 FFD7AD

 FFF4C9

 851800

■ 85230D

■ 852E1B

■ 853928

■ 854435

■ 854F43

■ 855950

■ 85645D

■ 856F6A

■ 857A78

Harmonies

Analogous

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



910032



851800



693700

Triad

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



851800



005425



0043A0

Complementary

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



851800



006D85

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.



00509E



851800



005657

Square

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



851800



005000



005582



5B2A89

Rectangle

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



851800



4F4300



005582



0049A2

Sweetspot

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



851800



AD8379



85006F



573D37



D6D6D6



575757

Same Dimension

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



851800



AD1F00



855900



423D3C



821700



030000

Inverse Universe

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



006D85



008EAD



002C85



3C4142



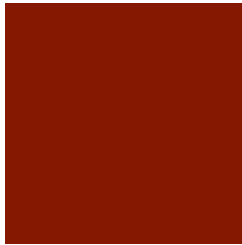
006B82



000203

Previews

White Background



This preview shows how the Hex color 851800 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

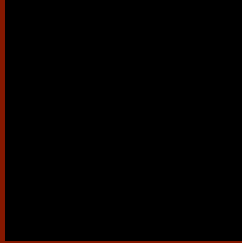
Any Text WCAG AA × Fail

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 851800 Background



This preview shows how black text looks on a background with the Hex color 851800.



This preview shows how white text looks on a background with the Hex color 851800.

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
851800

Protanopia
4E4510

Deuteranopia
574200



Tritanopia
851716

Trichromacy



Original Color
851800

Protanomaly
62350A

Deuteranomaly
683300

Tritanomaly
85170E

Monochromacy



Original Color
851800

Achromatopsia
363636

Achromatomaly
532B22

CSS Examples

Text

The CSS property to change the color of the text to Hex 851800 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 #851800 looks like.

```
.text, #text, p{  
    color:#851800  
}
```

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 #851800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851800
}
```

Border

The CSS property to change the border of an element to Hex 851800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

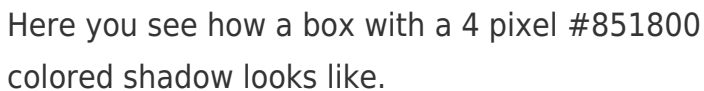
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851800 }
```

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

```
.border{ border-color:#851800 }
```

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



Here you see how a box with a 4 pixel #851800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851800; -webkit-box-shadow:4px 4px  
4px 4px #851800; box-shadow:4px 4px 4px  
4px #851800 }
```

Background

The CSS property to change the background color of an element to Hex 851800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851800 }
```

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

```
.background{ background-color:#851800 }
```

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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