

Converting Colors

Hex(851000)

Have a look what the booklet for
Hex(851000) contains.

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Color

Hex(851000)

Conversions

Conversions Part 1

Format	Color
Hex	851000
RGB	133, 16, 0
RGB Percent	52%, 6%, 0%
CMY	0.4784, 0.9373, 1.0000
CMYK	0.00, 0.88, 1.00, 0.48
HSL	7°, 100%, 26%
HSV	7°, 100%, 52%
XYZ	9.8582, 5.3571, 0.5144
YIQ	49.1590, 74.8680, 19.8280

Conversions

Conversions Part 2

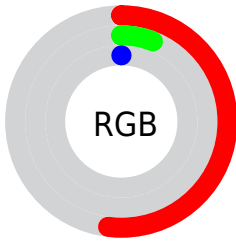
Format	Color
R_{YB}	133, 18, 0
Decimal	8720384
CIE Lab	27.73, 46.43, 40.45
CIE LCh	28, 61.582, 41.060
Yxy	5.3571, 0.6267, 0.3406
Android (android.graphics.Color)	4286910464 (0xFF851000)
YUV	49.1590, -24.2354, 73.5286
Hunter-Lab	23.1455, 35.5224, 14.8840

Details

The Hex color **851000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **007585**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C24A2F**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **851000**, and if you desaturate by 10%, it is **851C0D**.

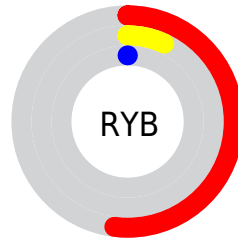
Distribution



Red (52%)

Green (6%)

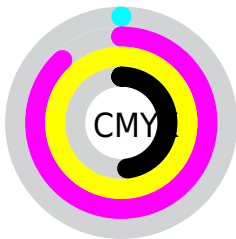
Blue (0%)



Red (52%)

Yellow (7%)

Blue (0%)

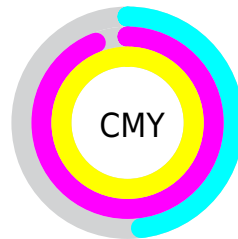


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851000 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 851000 by changing the saturation by 10% instead.

 851000

 851000

 FFFFE4

 670000

 C24A2F

 4A0000

 E16546

 300002

 FF7F5F

 000000

 FF9B78

 FFB692

 FFD3AD

 FFF0C8

 851000

 851C0D

 85271B

 853328

 853F35

 854B43

 855650

 85625D

 856E6A

 857978

Harmonies

Analogous

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



900033



851000



693400

Triad

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



851000



005220



0043A0

Complementary

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



851000



007585

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.



004F9C



851000



005452

Square

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



851000



004E00



00547F



55298A

Rectangle

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



851000



504000



00547F



0048A2

Sweetspot

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



851000



AD8079



850075



573B37



D6D6D6



575757

Same Dimension

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



851000



AD1500



855200



423C3C



821000



030000

Inverse Universe

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



007585



0099AD



003385



3C4242



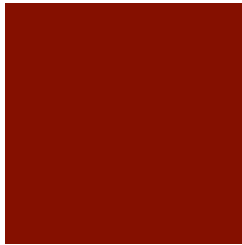
007282



000203

Previews

White Background



This preview shows how the Hex color 851000 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

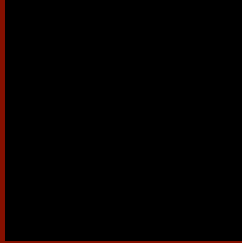
Any Text WCAG AA × Fail

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 851000 Background



This preview shows how black text looks on a background with the Hex color 851000.



This preview shows how white text looks on a background with the Hex color 851000.

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
851000

Protanopia
4C4411

Deuteranopia
564100

Trichromacy



Original Color
851000

Protanomaly
61310B

Deuteranomaly
672F00

Tritanomaly
850F08

Monochromacy



Original Color
851000

Achromatopsia
313131

Achromatomaly
50251F

CSS Examples

Text

The CSS property to change the color of the text to Hex 851000 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 #851000 looks like.

```
.text, #text, p{  
    color:#851000  
}
```

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 #851000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851000
}
```

Border

The CSS property to change the border of an element to Hex 851000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

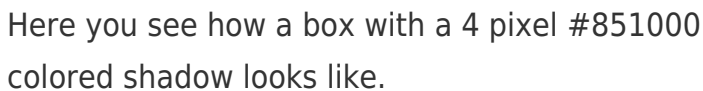
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851000 }
```

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

```
.border{ border-color:#851000 }
```

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



Here you see how a box with a 4 pixel #851000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851000; -webkit-box-shadow:4px 4px  
4px 4px #851000; box-shadow:4px 4px 4px  
4px #851000 }
```

Background

The CSS property to change the background color of an element to Hex 851000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851000 }
```

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

```
.background{ background-color:#851000 }
```

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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