

Converting Colors

Hex(851817)

Have a look what the booklet for
Hex(851817) contains.

Hex(851817)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(851817)

Conversions

Conversions Part 1

Format	Color
Hex	851817
RGB	133, 24, 23
RGB Percent	52%, 9%, 9%
CMY	0.4784, 0.9059, 0.9098
CMYK	0.00, 0.82, 0.83, 0.48
HSL	1°, 71%, 31%
HSV	1°, 83%, 52%
XYZ	10.1542, 5.7017, 1.3760
YIQ	56.4770, 65.2850, 22.7970

Conversions

Conversions Part 2

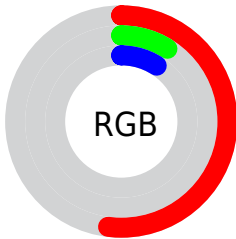
Format	Color
R_{YB}	133, 24, 23
Decimal	8722455
CIE Lab	28.65, 44.81, 30.39
CIE LCh	29, 54.141, 34.150
Yxy	5.7017, 0.5893, 0.3309
Android (android.graphics.Color)	4286912535 (0xFF851817)
YUV	56.4770, -16.5042, 67.1107
Hunter-Lab	23.8782, 34.1200, 13.2982

Details

The Hex color **851817** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **178485**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C14F43**, and **4B0000** is the 20% darker color. If you saturate the color by 10%, you get **850B0A**, and if you desaturate by 10%, it is **852524**.

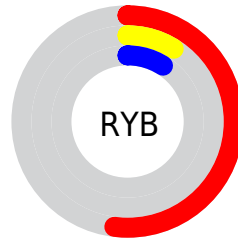
Distribution



Red (52%)

Green (9%)

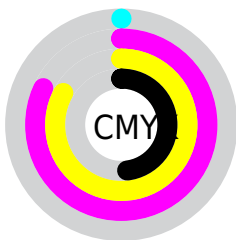
Blue (9%)



Red (52%)

Yellow (9%)

Blue (9%)

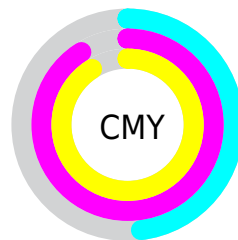


Cyan (0%)

Magenta (82%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851817 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 851817 by changing the saturation by 10% instead.

 851817

 851817

 FFFFFB

 680000

 C14F43

 4B0000

 DF695A

 310002

 FE8473

 000000

 FF9F8D

 FFBBA7

 FFD8C3

 FFF5DE

 851817

 851817

■ 850B0A

■ 852524

■ 850100

■ 853232

■ 85403F

■ 854D4C

■ 855A5A

■ 856767

■ 857474

■ 858181

■ 858F8F

Harmonies

Analogous

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



8A0040



851817



703300

Triad

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



851817



00531C



004798

Complementary

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



851817



178485

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.



00518F



851817



005548

Square

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



851817



224E00



005572



47358A

Rectangle

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



851817



5B3F00



005572



004C98

Sweetspot

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



851817



AD8282



851785



573D3D



D6D6D6



575757

Same Dimension

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



851817



AD0302



854E17



423C3C



820100



030000

Inverse Universe

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



178485



02ACAD



174E85



3C4242



008182



000303

Previews

White Background



This preview shows how the Hex color 851817 looks on a white background.

Color Contrast Check

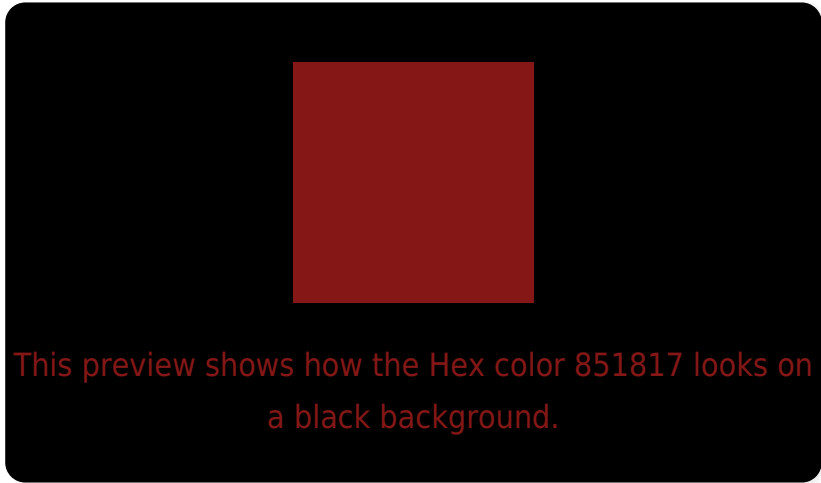
Large Text (above 18pt) WCAG AA ✓ Pass

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

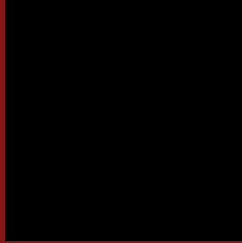
Any Text WCAG AA × Fail

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 851817 Background



This preview shows how black text looks on a background with the Hex color 851817.



This preview shows how white text looks on a background with the Hex color 851817.

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
851817

Protanopia
4D4623

Deuteranopia
58420B



Tritanopia
851817

Trichromacy



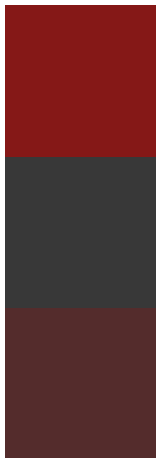
Original Color
851817

Protanomaly
61351F

Deuteranomaly
68330F

Tritanomaly
851817

Monochromacy



Original Color
851817

Achromatopsia
383838

Achromatomaly
542C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 851817 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 #851817 looks like.

```
.text, #text, p{  
    color:#851817  
}
```

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 #851817 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851817
}
```

Border

The CSS property to change the border of an element to Hex 851817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

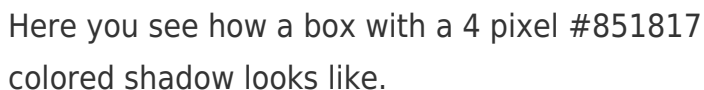
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851817 }
```

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

```
.border{ border-color:#851817 }
```

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



Here you see how a box with a 4 pixel #851817 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851817; -webkit-box-shadow:4px 4px  
4px 4px #851817; box-shadow:4px 4px 4px  
4px #851817 }
```

Background

The CSS property to change the background color of an element to Hex 851817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851817 }
```

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

```
.background{ background-color:#851817 }
```

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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