

Converting Colors

Hex(851333)

Have a look what the booklet for
Hex(851333) contains.

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Color

Hex(851333)

Conversions

Conversions Part 1

Format	Color
Hex	851333
RGB	133, 19, 51
RGB Percent	52%, 7%, 20%
CMY	0.4784, 0.9255, 0.8000
CMYK	0.00, 0.86, 0.62, 0.48
HSL	343°, 75%, 30%
HSV	343°, 86%, 52%
XYZ	10.5033, 5.6913, 3.6769
YIQ	56.7340, 57.6720, 34.1200

Conversions

Conversions Part 2

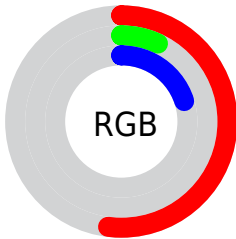
Format	Color
RYB	133, 19, 51
Decimal	8721203
CIELab	28.62, 47.61, 12.29
CIELCh	29, 49.170, 14.469
Yxy	5.6913, 0.5286, 0.2864
Android (android.graphics.Color)	4286911283 (0xFF851333)
YUV	56.7340, -2.8269, 66.8853
Hunter-Lab	23.8565, 36.8394, 7.5614

Details

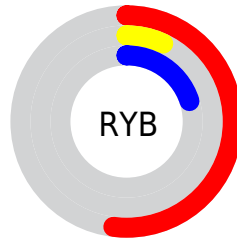
The Hex color **851333** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **138565**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **BF4D61**, and **4D0005** is the 20% darker color. If you saturate the color by 10%, you get **850629**, and if you desaturate by 10%, it is **85203D**.

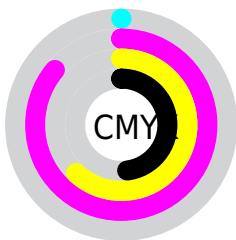
Distribution



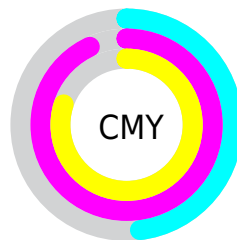
- Red (52%)
- Green (7%)
- Blue (20%)



- Red (52%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (62%)
- Black (48%)



- Cyan (48%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851333 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 851333 by changing the saturation by 10% instead.

 851333

 851333

FFFFFF

 68001E

 BF4D61

 4D0005

 DD687A

 330002

 FC8293

 000000

 FF9EAE

 FFBAC9

 FFD6E5

 FFF3FF

 851333

 851333

■ 850629

■ 85203D

■ 850025

■ 852E46

■ 853B50

■ 854859

■ 855663

■ 85636C

■ 857076

■ 857D80

■ 858B89

Harmonies

Analogous

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



7C1859



851333



7B270E

Triad

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



851333



0E4F02



004E8D

Complementary

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



851333



138565

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.



005378



851333



00532E

Square

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



851333



434700



005455



00428E

Rectangle

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



851333



6C3500



005455



005088

Sweetspot

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



851333



AD808D



651385



573C43



D6D6D6



575757

Same Dimension

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



851333



AD0031



852C13



423C3E



820025



030001

Inverse Universe

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



851333



AD0031



136C85



423C3E



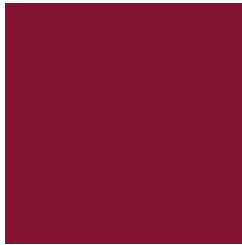
820025



030001

Previews

White Background



This preview shows how the Hex color 851333 looks on a white background.

Color Contrast Check

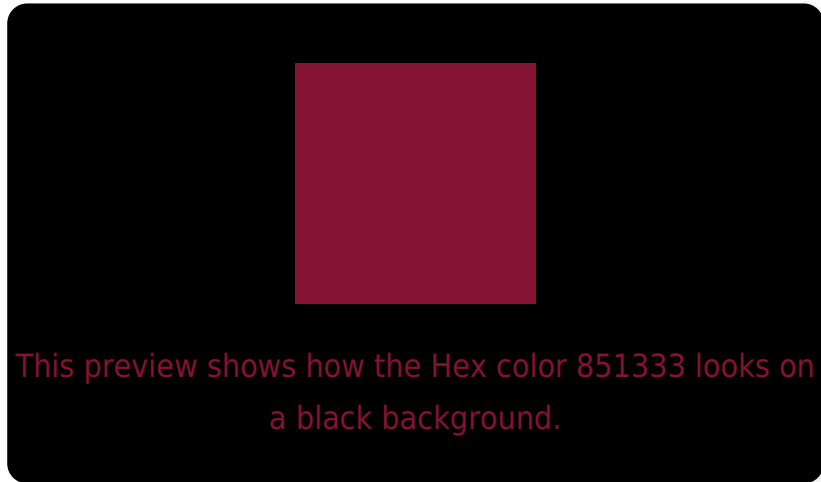
Large Text (above 18pt) WCAG AA ✓ Pass

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

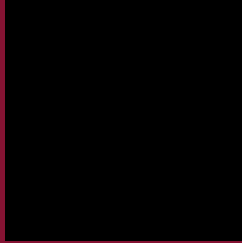
Any Text WCAG AA × Fail

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 851333 Background



This preview shows how black text looks on a background with the Hex color 851333.



This preview shows how white text looks on a background with the Hex color 851333.

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
851333

Protanopia
464548

Deuteranopia
54422D



Tritanopia
841A1A

Trichromacy



Original Color
851333

Protanomaly
5D3340

Deuteranomaly
66312F

Tritanomaly
841723

Monochromacy



Original Color
851333

Achromatopsia
393939

Achromatomaly
552B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 851333 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 #851333 looks like.

```
.text, #text, p{  
    color:#851333  
}
```

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 #851333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851333
}
```

Border

The CSS property to change the border of an element to Hex 851333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

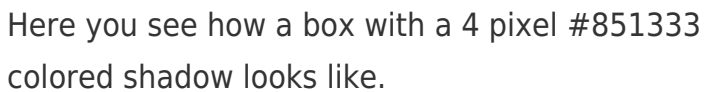
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851333 }
```

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

```
.border{ border-color:#851333 }
```

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



Here you see how a box with a 4 pixel #851333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851333; -webkit-box-shadow:4px 4px  
4px 4px #851333; box-shadow:4px 4px 4px  
4px #851333 }
```

Background

The CSS property to change the background color of an element to Hex 851333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851333 }
```

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

```
.background{ background-color:#851333 }
```

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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