

Converting Colors

Hex(851137)

Have a look what the booklet for
Hex(851137) contains.

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Color

Hex(851137)

Conversions

Conversions Part 1

Format	Color
Hex	851137
RGB	133, 17, 55
RGB Percent	52%, 7%, 22%
CMY	0.4784, 0.9333, 0.7843
CMYK	0.00, 0.87, 0.59, 0.48
HSL	340°, 77%, 29%
HSV	340°, 87%, 52%
XYZ	10.5629, 5.6633, 4.1508
YIQ	56.0160, 56.9380, 36.4100

Conversions

Conversions Part 2

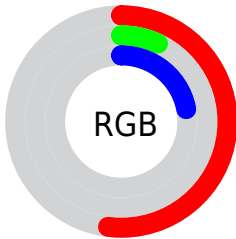
Format	Color
R_{YB}	133, 17, 55
Decimal	8720695
CIE Lab	28.55, 48.38, 9.49
CIE LCh	29, 49.303, 11.101
Yxy	5.6633, 0.5184, 0.2779
Android (android.graphics.Color)	4286910775 (0xFF851137)
YUV	56.0160, -0.5009, 67.5150
Hunter-Lab	23.7976, 37.5837, 6.3169




Details

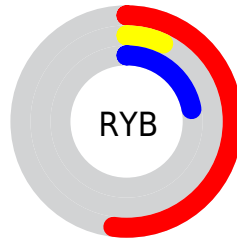
The Hex color **851137** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11855F**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **BF4C65**, and **4D000B** is the 20% darker color. If you saturate the color by 10%, you get **85042E**, and if you desaturate by 10%, it is **851E40**.

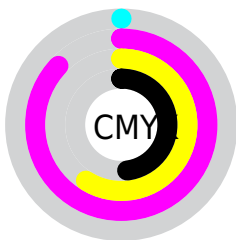
Distribution







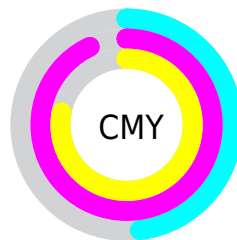
-  Red (52%)
-  Green (7%)
-  Blue (22%)






-  Red (52%)
-  Yellow (7%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (87%)
-  Yellow (59%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (93%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 851137 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 851137 by changing the saturation by 10% instead.

 851137

 851137

FFFFFF

 690022

 BF4C65

 4D000B

 DD677E

 340002

 FB8298

 000000

 FF9DB3

 FFB9CE

 FFD6EB

 FFF3FF

 851137

 851137

■ 85042E

■ 851E40

■ 85002C

■ 852C49

■ 853952

■ 85465B

■ 855364

■ 85616D

■ 856E76

■ 857B7F

■ 858987

Harmonies

Analogous

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



7A1A5D



851137



7D2412

Triad

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



851137



184E00



004E8C

Complementary

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



851137



11855F

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.



005375



851137



005229

Square

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



851137



474600



005451



00448F

Rectangle

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



851137



6F3200



005451



005086

Sweetspot

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



851137



AD808F



5E1185



573C45



D6D6D6



575757

Same Dimension

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



851137



AD0039



852411



423C3E



82002B



030001

Inverse Universe

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



851137



AD0039



117285



423C3E



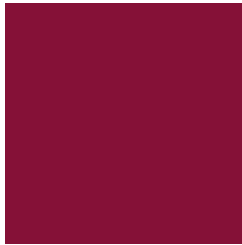
82002B



030001

Previews

White Background



This preview shows how the Hex color 851137 looks on a white background.

Color Contrast Check

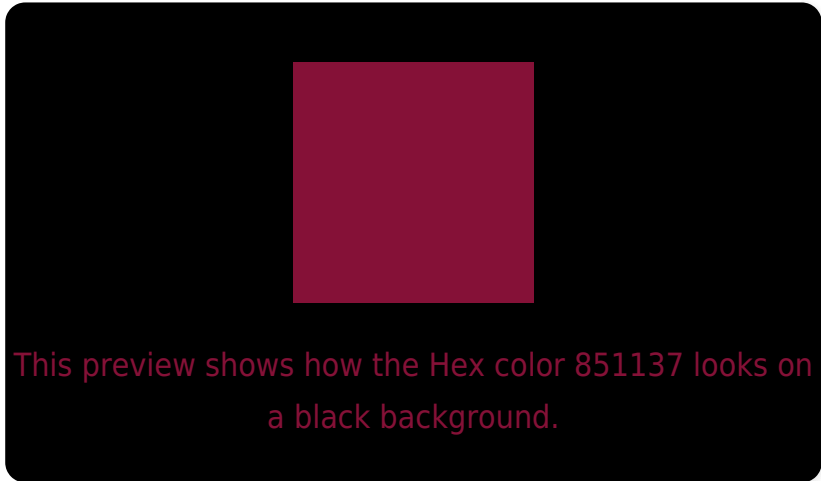
Large Text (above 18pt) WCAG AA ✓ Pass

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 851137 Background



This preview shows how black text looks on a background with the Hex color 851137.

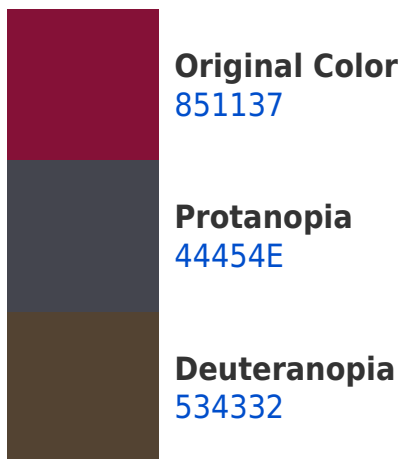


This preview shows how white text looks on a background with the Hex color 851137.

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





Tritanopia
841A1A

Trichromacy



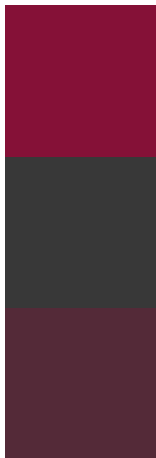
Original Color
851137

Protanomaly
5C3246

Deuteranomaly
653134

Tritanomaly
841725

Monochromacy



Original Color
851137

Achromatopsia
383838

Achromatomaly
542A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 851137 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 #851137 looks like.

```
.text, #text, p{  
    color:#851137  
}
```

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 #851137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #851137
}
```

Border

The CSS property to change the border of an element to Hex 851137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

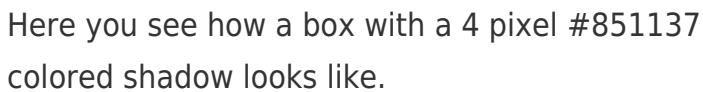
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#851137 }
```

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

```
.border{ border-color:#851137 }
```

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



Here you see how a box with a 4 pixel #851137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #851137; -webkit-box-shadow:4px 4px  
4px 4px #851137; box-shadow:4px 4px 4px  
4px #851137 }
```

Background

The CSS property to change the background color of an element to Hex 851137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#851137 }
```

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

```
.background{ background-color:#851137 }
```

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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