

# Converting Colors

Hex(831537)

Have a look what the booklet for  
Hex(831537) contains.

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# Color

**Hex(831537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	831537
RGB	131, 21, 55
RGB Percent	51%, 8%, 22%
CMY	0.4863, 0.9176, 0.7843
CMYK	0.00, 0.84, 0.58, 0.49
HSL	341°, 72%, 30%
HSV	341°, 84%, 51%
XYZ	10.3178, 5.6375, 4.1588
YIQ	57.7660, 54.6460, 33.8940

# Conversions

## Conversions Part 2

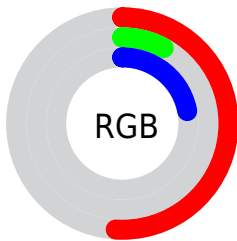
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 21, 55
Decimal	8590647
CIELab	28.48, 46.80, 9.33
CIELCh	28, 47.720, 11.279
Yxy	5.6375, 0.5130, 0.2803
Android (android.graphics.Color)	4286780727 (0xFF831537)
YUV	57.7660, -1.3636, 64.2262
Hunter-Lab	23.7433, 36.0175, 6.2354

# Details

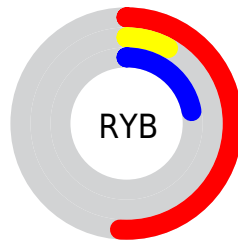
The Hex color **831537** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **158361**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **BD4E65**, and **4B000B** is the 20% darker color. If you saturate the color by 10%, you get **83082E**, and if you desaturate by 10%, it is **832240**.

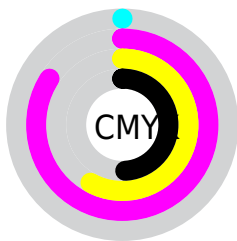
# Distribution



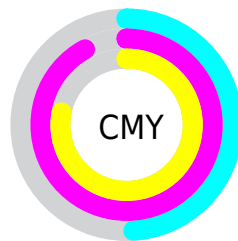
- Red (51%)
- Green (8%)
- Blue (22%)



- Red (51%)
- Yellow (8%)
- Blue (22%)



- Cyan (0%)
- Magenta (84%)
- Yellow (58%)
- Black (49%)



- Cyan (49%)
- Magenta (92%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 831537 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 831537 by changing the saturation by 10% instead.



 831537

 831537

FFFFFF

 670022

 BD4E65

 4B000B

 DB687E

 320002

 F98398

 000000

 FF9FB3

 FFBACE

 FFD7EB

 FFF4FF

 831537

 831537

■ 83082E

■ 832240

■ 830028

■ 832F49

■ 833C52

■ 83495B

■ 835664

■ 83646D

■ 837176

■ 837E7F

■ 838B88

# Harmonies

## Analogous

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



781D5C



831537



7B2614

# Triad

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



831537



1A4E00



004E89

# Complementary

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



831537



158361

# 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.



005273



831537



00522A

# Square

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



831537



464600



005351



00438C

# Rectangle

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



831537



6E3300



005351



005084



# Sweetspot

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



831537



AB808D



601583



573D45



D6D6D6



575757



# Same Dimension

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



831537



AB0035



832915



423C3E



820028



030001



# Inverse Universe

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



831537



AB0035



156F83



423C3E



820028

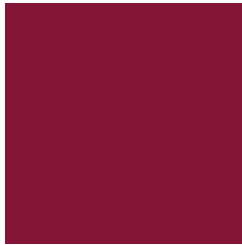


030001



# Previews

## White Background



This preview shows how the Hex color 831537 looks on a white background.

## Color Contrast Check

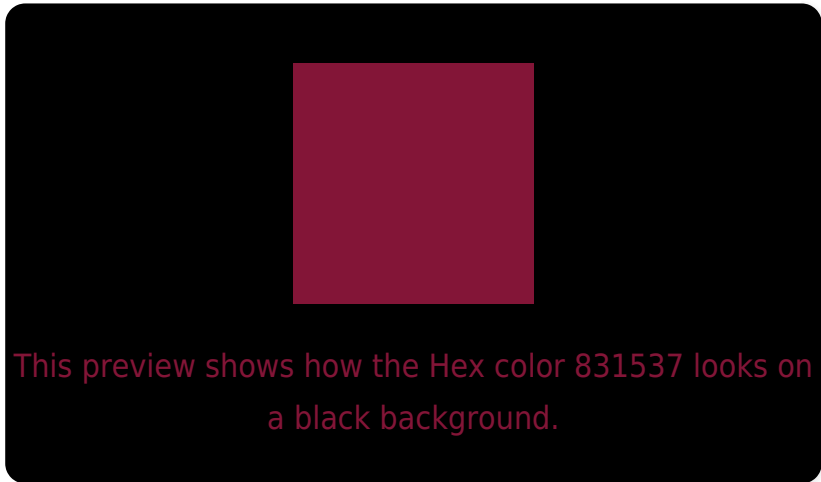
Large Text (above 18pt) WCAG AA ✓ Pass

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 831537 Background



This preview shows how black text looks on a background with the Hex color 831537.

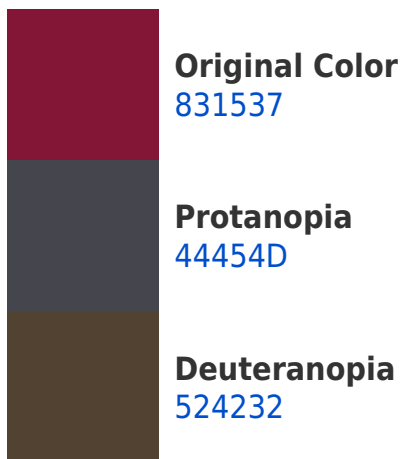


This preview shows how white text looks on a background with the Hex color 831537.

# 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





# Trichromacy



**Original Color**  
831537

**Protanomaly**  
5B3445

**Deuteranomaly**  
643234

**Tritanomaly**  
821926

# Monochromacy



**Original Color**  
831537

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
552D39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 831537 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 #831537 looks like.

```
.text, #text, p{  
    color:#831537  
}
```

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 #831537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831537
}
```

## Border

The CSS property to change the border of an element to Hex 831537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

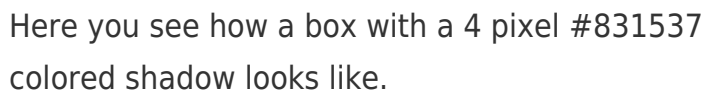
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#831537 }
```

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

```
.border{ border-color:#831537 }
```

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



Here you see how a box with a 4 pixel #831537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831537; -webkit-box-shadow:4px 4px  
4px 4px #831537; box-shadow:4px 4px 4px  
4px #831537 }
```

# Background

The CSS property to change the background color of an element to Hex 831537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831537 }
```

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

```
.background{ background-color:#831537 }
```

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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