

Converting Colors

Hex(831943)

Have a look what the booklet for
Hex(831943) contains.

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Color

Hex(831943)

Conversions

Conversions Part 1

Format	Color
Hex	831943
RGB	131, 25, 67
RGB Percent	51%, 10%, 26%
CMY	0.4863, 0.9020, 0.7373
CMYK	0.00, 0.81, 0.49, 0.49
HSL	336°, 68%, 31%
HSV	336°, 81%, 51%
XYZ	10.7208, 5.9258, 5.8889
YIQ	61.4820, 49.6940, 35.5340

Conversions

Conversions Part 2

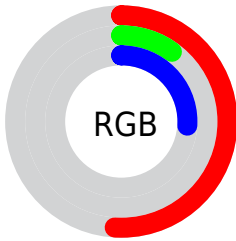
Format	Color
R_{YB}	131, 25, 67
Decimal	8591683
CIE _{Lab}	29.22, 46.65, 2.34
CIE _{LCh}	29, 46.709, 2.870
Yxy	5.9258, 0.4757, 0.2630
Android (android.graphics.Color)	4286781763 (0xFF831943)
YUV	61.4820, 2.7204, 60.9673
Hunter-Lab	24.3430, 36.0125, 2.6969

Details

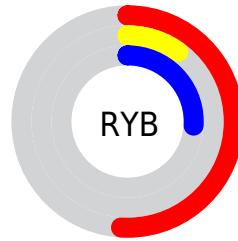
The Hex color **831943** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **198359**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BC5173**, and **4C0019** is the 20% darker color. If you saturate the color by 10%, you get **830C3B**, and if you desaturate by 10%, it is **83264B**.

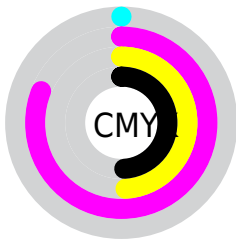
Distribution



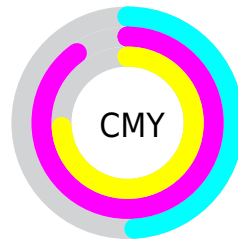
- Red (51%)
- Green (10%)
- Blue (26%)



- Red (51%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (81%)
- Yellow (49%)
- Black (49%)



- Cyan (49%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 831943 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 831943 by changing the saturation by 10% instead.

 831943

 831943

FFFFFF

 67002D

 BC5173

 4C0019

 DA6B8C

 340002

 F786A7

 010000

 FFA1C2

 000000

 FFBDE

 FFDAFA

 FFF7FF

 831943

 831943

■ 830C3B

■ 83264B

■ 830034

■ 833353

■ 83405B

■ 834D63

■ 835A6B

■ 836872

■ 83757A

■ 838282

■ 838F8A

Harmonies

Analogous

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



722667



831943



802420

Triad

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



831943



2C4E00



005185

Complementary

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



831943



198359

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.



00546B



831943



005322

Square

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



831943



524400



005547



00488E

Rectangle

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



831943



753008



005547



00537E

Sweetspot

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



831943



AB8292



591983



573E48



D6D6D6



575757

Same Dimension

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



831943



AB0547



832419



423C3E



820034



030001

Inverse Universe

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



831943



AB0547



197883



423C3E



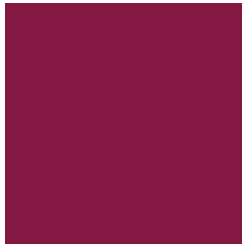
820034



030001

Previews

White Background



This preview shows how the Hex color 831943 looks on a white background.

Color Contrast Check

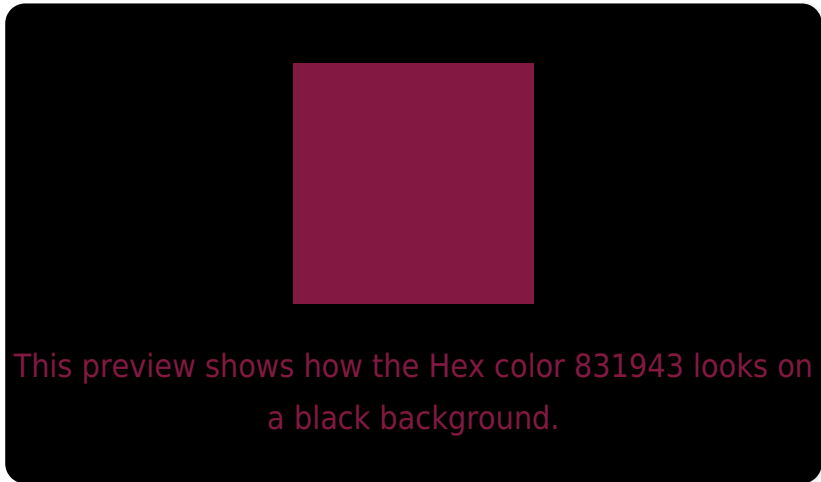
Large Text (above 18pt) WCAG AA ✓ Pass

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 831943 Background



This preview shows how black text looks on a background with the Hex color 831943.



This preview shows how white text looks on a background with the Hex color 831943.

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
831943

Protanopia
41465C

Deuteranopia
51443E



Tritanopia
812223

Trichromacy



Original Color
831943

Protanomaly
593653

Deuteranomaly
633440

Tritanomaly
821F2F

Monochromacy



Original Color
831943

Achromatopsia
3D3D3D

Achromatomaly
56303F

CSS Examples

Text

The CSS property to change the color of the text to Hex 831943 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 #831943 looks like.

```
.text, #text, p{  
    color:#831943  
}
```

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 #831943 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831943
}
```

Border

The CSS property to change the border of an element to Hex 831943 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
#831943 }
```

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

```
.border{ border-color:#831943 }
```

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

Here you see how a box with a 4 pixel #831943 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831943; -webkit-box-shadow:4px 4px  
4px 4px #831943; box-shadow:4px 4px 4px  
4px #831943 }
```

Background

The CSS property to change the background color of an element to Hex 831943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831943 }
```

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

```
.background{ background-color:#831943 }
```

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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