

Converting Colors

Hex(831D67)

Have a look what the booklet for
Hex(831D67) contains.

Hex(831D67)	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(831D67)

Conversions

Conversions Part 1

Format	Color
Hex	831D67
RGB	131, 29, 103
RGB Percent	51%, 11%, 40%
CMY	0.4863, 0.8863, 0.5961
CMYK	0.00, 0.78, 0.21, 0.49
HSL	316°, 64%, 31%
HSV	316°, 78%, 51%
XYZ	12.2476, 6.6833, 13.4764
YIQ	67.9340, 37.0380, 44.6380

Conversions

Conversions Part 2

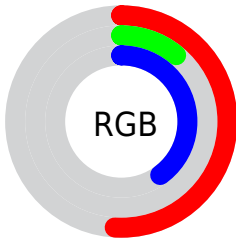
Format	Color
R_{YB}	131, 29, 103
Decimal	8592743
CIE _{Lab}	31.07, 49.64, -18.51
CIE _{LCh}	31, 52.976, 339.552
Yxy	6.6833, 0.3779, 0.2062
Android (android.graphics.Color)	4286782823 (0xFF831D67)
YUV	67.9340, 17.2875, 55.3089
Hunter-Lab	25.8521, 39.3246, -12.8109

Details

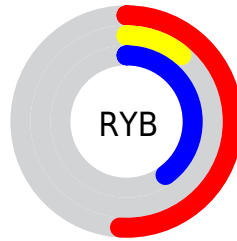
The Hex color **831D67** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1D8339**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BB559A**, and **4D0038** is the 20% darker color. If you saturate the color by 10%, you get **831063**, and if you desaturate by 10%, it is **832A6B**.

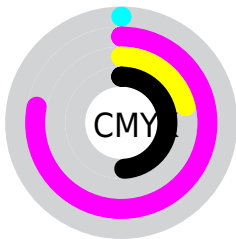
Distribution



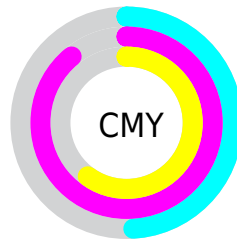
- Red (51%)
- Green (11%)
- Blue (40%)



- Red (51%)
- Yellow (11%)
- Blue (40%)



- Cyan (0%)
- Magenta (78%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 831D67 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 831D67 by changing the saturation by 10% instead.

 831D67

 831D67

FFFFFF

 68004F

 BB559A

 4D0038

 D86FB5

 360023

 F58AD1

 150008

 FFA6ED

 000000

 FFC2FF

 FFDFFF

 FFFCFF

 831D67

 831D67

■ 831063

■ 832A6B

■ 830360

■ 83376E

■ 83005F

■ 834472

■ 835175

■ 835E79

■ 836C7D

■ 837980

■ 838684

■ 839387

Harmonies

Analogous

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



59378A



831D67



90103E

Triad

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



831D67



4E4C00



005A7D

Complementary

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



831D67



1D8339

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.



005B56



831D67



1D5500

Square

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



831D67



703C00



00592A



005597

Rectangle

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



831D67



8D1D23



00592A



005B71

Sweetspot

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



831D67



AB84A0



381D83



573E50



D6D6D6



575757

Same Dimension

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



831D67



AB0C7F



831D35



423C40



82005E



030002

Inverse Universe

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



831D67



AB0C7F



1D836B



423C40



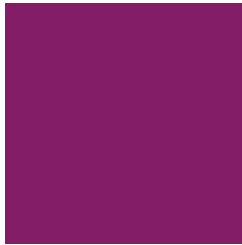
82005E



030002

Previews

White Background



This preview shows how the Hex color 831D67 looks on a white background.

Color Contrast Check

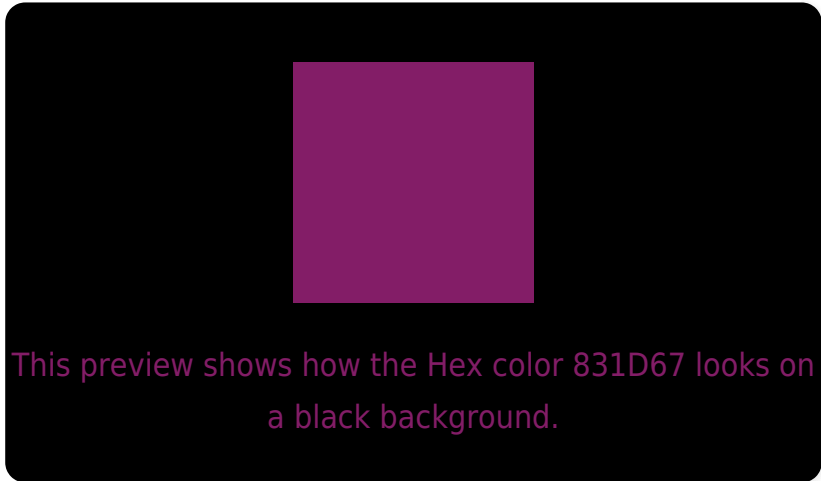
Large Text (above 18pt) WCAG AA ✓ Pass

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

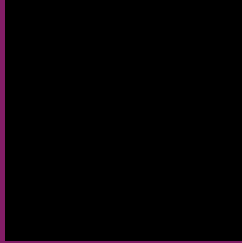
Any Text WCAG AA × Fail

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 831D67 Background



This preview shows how black text looks on a background with the Hex color 831D67.

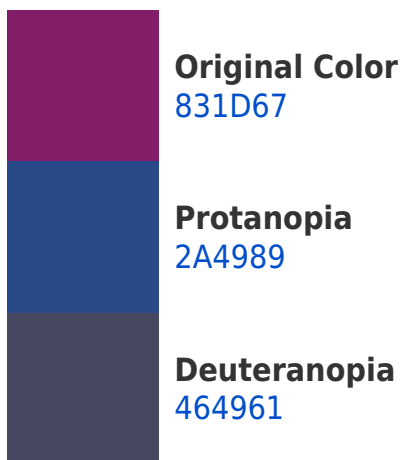


This preview shows how white text looks on a background with the Hex color 831D67.

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
7F2F32

Trichromacy



Original Color
831D67



Protanomaly
4A397D



Deuteranomaly
5C3963

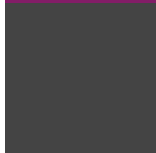


Tritanomaly
802845

Monochromacy



Original Color
831D67



Achromatopsia
444444



Achromatomaly
5B3651

CSS Examples

Text

The CSS property to change the color of the text to Hex 831D67 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 #831D67 looks like.

```
.text, #text, p{  
    color:#831D67  
}
```

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 #831D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #831D67
}
```

Border

The CSS property to change the border of an element to Hex 831D67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

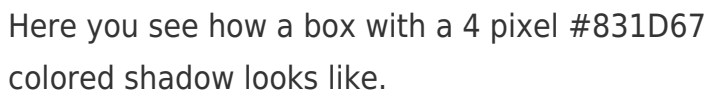
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#831D67 }
```

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

```
.border{ border-color:#831D67 }
```

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



Here you see how a box with a 4 pixel #831D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #831D67; -webkit-box-shadow:4px 4px  
4px 4px #831D67; box-shadow:4px 4px 4px  
4px #831D67 }
```

Background

The CSS property to change the background color of an element to Hex 831D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#831D67 }
```

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

```
.background{ background-color:#831D67 }
```

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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