

Converting Colors

Hex(801A83)

Have a look what the booklet for
Hex(801A83) contains.

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Color

Hex(801A83)

Conversions

Conversions Part 1

Format	Color
Hex	801A83
RGB	128, 26, 131
RGB Percent	50%, 10%, 51%
CMY	0.4980, 0.8980, 0.4863
CMYK	0.02, 0.80, 0.00, 0.49
HSL	298°, 67%, 31%
HSV	298°, 80%, 51%
XYZ	13.3682, 6.9667, 22.1128
YIQ	68.4680, 27.0870, 54.2790

Conversions

Conversions Part 2

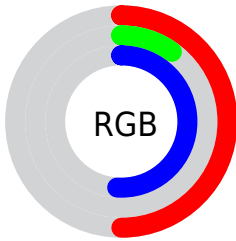
Format	Color
R_{YB}	128, 26, 131
Decimal	8395395
CIE _{Lab}	31.73, 54.29, -35.26
CIE _{LCh}	32, 64.737, 326.993
Yxy	6.9667, 0.3149, 0.1641
Android (android.graphics.Color)	4286585475 (0xFF801A83)
YUV	68.4680, 30.8283, 52.2096
Hunter-Lab	26.3945, 44.2160, -31.1961

Details

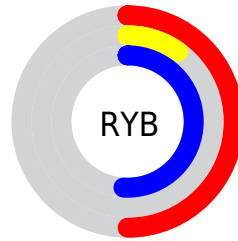
The Hex color **801A83** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1D831A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **B853B9**, and **4B0051** is the 20% darker color. If you saturate the color by 10%, you get **800D83**, and if you desaturate by 10%, it is **802783**.

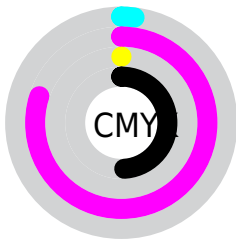
Distribution



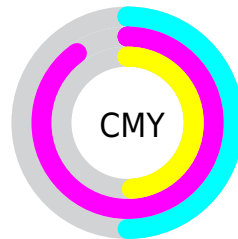
- Red (50%)
- Green (10%)
- Blue (51%)



- Red (50%)
- Yellow (10%)
- Blue (51%)



- Cyan (2%)
- Magenta (80%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (90%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801A83 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 801A83 by changing the saturation by 10% instead.

801A83

801A83

FFFFFF

650069

B853B9

4B0051

D56ED4

330039

F28AF1

140023

FFA5FF

000009

FFC1FF

000000

FFDEFF

FFFBFF

801A83

801A83

■ 800D83

■ 802783

■ 7F0083

■ 813483

■ 814183

■ 814E83

■ 825B83

■ 826983

■ 837683

■ 838383

■ 839083

Harmonies

Analogous

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



2E3FA7



801A83



9D0052

Triad

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



801A83



614700



005F78

Complementary

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



801A83



1D831A

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.



005E44



801A83



2F5500

Square

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



801A83



862E00



005B07



005DA1

Rectangle

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



801A83



9F0031



005B07



005F67

Sweetspot

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



801A83



AA82AB



1A1D83



563E57



D6D6D6



575757

Same Dimension

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



801A83



A607AB



831A52



423C42



7E0082



020003

Inverse Universe

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



831A1D



AB070C



1A834B



423C3C



820004



030000

Previews

White Background



This preview shows how the Hex color 801A83 looks on a white background.

Color Contrast Check

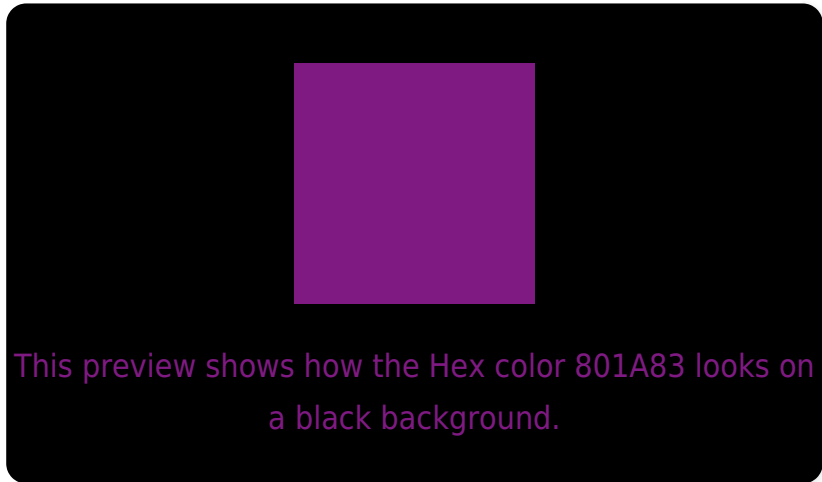
Large Text (above 18pt) WCAG AA ✓ Pass

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

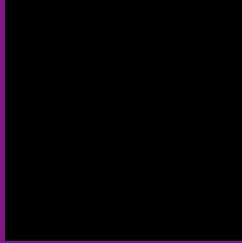
Any Text WCAG AA × Fail

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 801A83 Background



This preview shows how black text looks on a background with the Hex color 801A83.

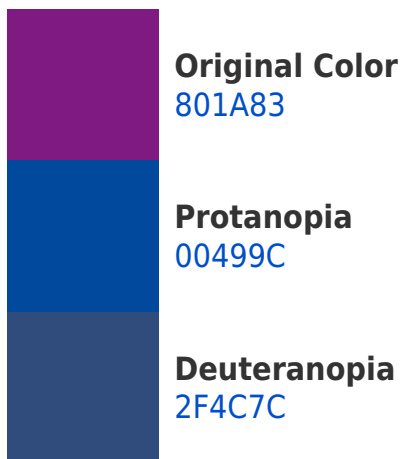


This preview shows how white text looks on a background with the Hex color 801A83.

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
78383B

Trichromacy



Original Color
801A83



Protanomaly
2F3893



Deuteranomaly
4C3A7F



Tritanomaly
7B2D55

Monochromacy



Original Color
801A83



Achromatopsia
444444



Achromatomaly
5A355B

CSS Examples

Text

The CSS property to change the color of the text to Hex 801A83 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 #801A83 looks like.

```
.text, #text, p{  
  color:#801A83  
}
```

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 #801A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801A83
}
```

Border

The CSS property to change the border of an element to Hex 801A83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

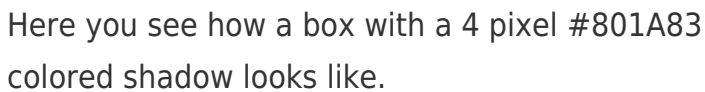
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801A83 }
```

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

```
.border{ border-color:#801A83 }
```

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



Here you see how a box with a 4 pixel #801A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801A83; -webkit-box-shadow:4px 4px  
4px 4px #801A83; box-shadow:4px 4px 4px  
4px #801A83 }
```

Background

The CSS property to change the background color of an element to Hex 801A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801A83 }
```

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

```
.background{ background-color:#801A83 }
```

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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