

Converting Colors

Hex(811AA3)

Have a look what the booklet for
Hex(811AA3) contains.

Hex(811AA3)	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(811AA3)

Conversions

Conversions Part 1

Format	Color
Hex	811AA3
RGB	129, 26, 163
RGB Percent	51%, 10%, 64%
CMY	0.4941, 0.8980, 0.3608
CMYK	0.21, 0.84, 0.00, 0.36
HSL	285°, 72%, 37%
HSV	285°, 84%, 64%
XYZ	16.0335, 8.0503, 35.3591
YIQ	72.4150, 17.4110, 64.4430

Conversions

Conversions Part 2

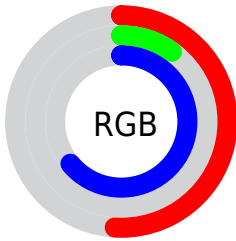
Format	Color
R_{YB}	129, 26, 163
Decimal	8460963
CIE _{Lab}	34.09, 60.38, -51.11
CIE _{LCh}	34, 79.107, 319.749
Yxy	8.0503, 0.2697, 0.1354
Android (android.graphics.Color)	4286651043 (0xFF811AA3)
YUV	72.4150, 44.6584, 49.6250
Hunter-Lab	28.3730, 51.2173, -54.0276

Details

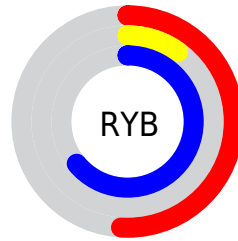
The Hex color **811AA3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **3CA31A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **BA55DB**, and **4A006E** is the 20% darker color. If you saturate the color by 10%, you get **7D0AA3**, and if you desaturate by 10%, it is **852AA3**.

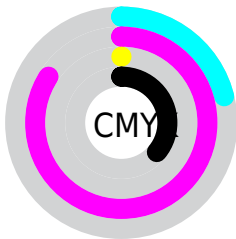
Distribution



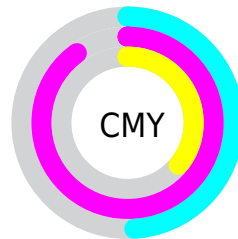
- Red (51%)
- Green (10%)
- Blue (64%)



- Red (51%)
- Yellow (10%)
- Blue (64%)



- Cyan (21%)
- Magenta (84%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (90%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 811AA3 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 811AA3 by changing the saturation by 10% instead.

811AA3

811AA3

FFFFFF

650088

BA55DB

4A006E

D771F8

2F0055

F48CFF

11003D

FFA8FF

000326

FFC4FF

00010F

FFE1FF

000000

811AA3

811AA3

7D0AA3

852AA3

■ 7B00A3

■ 893BA3

■ 8D4BA3

■ 915BA3

■ 956BA3

■ 997CA3

■ 9D8CA3

■ A19CA3

■ A5ADA3

Harmonies

Analogous

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



004ACA



811AA3



B00069

Triad

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



811AA3



744600



006879

Complementary

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



811AA3



3CA31A

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.



006638



811AA3



3B5A00

Square

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



811AA3



9F1B00



006300



0067B1

Rectangle

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



811AA3



B7003F



006300



006864

Sweetspot

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



811AA3



C79FD4



1A3CA3



634B6B



EBEBEB



6B6B6B

Same Dimension

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



811AA3



9F00D4



A31A81



504952



6D0091



0D0012

Inverse Universe

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



A31A3C



D40035



1AA33C



52494B



910024



120004

Previews

White Background



This preview shows how the Hex color 811AA3 looks on a white background.

Color Contrast Check

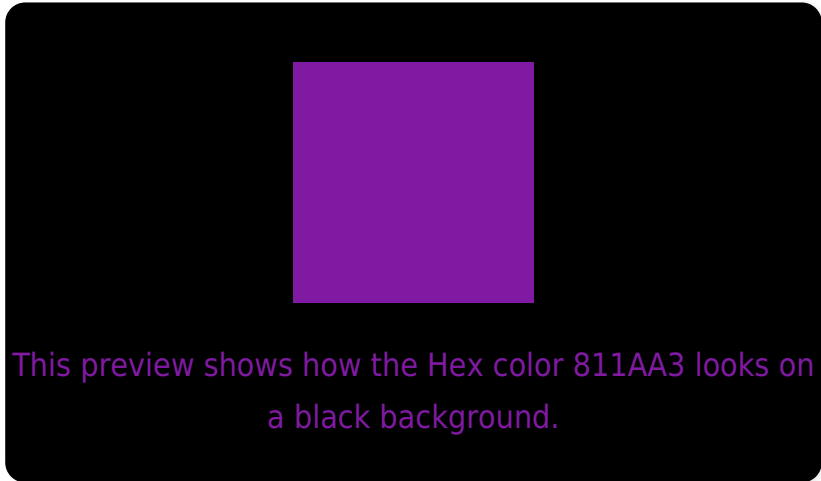
Large Text (above 18pt) WCAG AA ✓ Pass

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

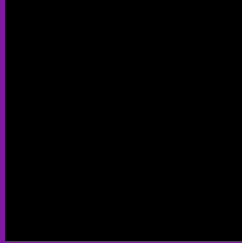
Any Text WCAG AA × Fail

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 811AA3 Background



This preview shows how black text looks on a background with the Hex color 811AA3.



This preview shows how white text looks on a background with the Hex color 811AA3.

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
811AA3

Protanopia
004FA6

Deuteranopia
005392



Tritanopia
744348

Trichromacy



Original Color
811AA3



Protanomaly
2F3CA5



Deuteranomaly
2F3E98



Tritanomaly
793469

Monochromacy



Original Color
811AA3



Achromatopsia
484848



Achromatomaly
5D3769

CSS Examples

Text

The CSS property to change the color of the text to Hex 811AA3 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 #811AA3 looks like.

```
.text, #text, p{  
    color:#811AA3  
}
```

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 #811AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #811AA3  
}
```

Border

The CSS property to change the border of an element to Hex 811AA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

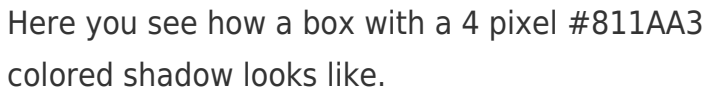
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#811AA3 }
```

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

```
.border{ border-color:#811AA3 }
```

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



Here you see how a box with a 4 pixel #811AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #811AA3; -webkit-box-shadow:4px 4px  
4px 4px #811AA3; box-shadow:4px 4px 4px  
4px #811AA3 }
```

Background

The CSS property to change the background color of an element to Hex 811AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#811AA3 }
```

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

```
.background{ background-color:#811AA3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor