

Converting Colors

Hex(801335)

Have a look what the booklet for
Hex(801335) contains.

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Color

Hex(801335)

Conversions

Conversions Part 1

Format	Color
Hex	801335
RGB	128, 19, 53
RGB Percent	50%, 7%, 21%
CMY	0.4980, 0.9255, 0.7922
CMYK	0.00, 0.85, 0.59, 0.50
HSL	341°, 74%, 29%
HSV	341°, 85%, 50%
XYZ	9.7776, 5.3120, 3.8781
YIQ	55.4670, 54.0500, 33.6820

Conversions

Conversions Part 2

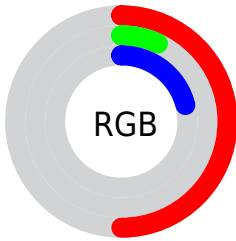
Format	Color
R_{YB}	128, 19, 53
Decimal	8393525
CIE _{Lab}	27.61, 46.32, 9.38
CIE _{LCh}	28, 47.264, 11.445
Yxy	5.3120, 0.5155, 0.2801
Android (android.graphics.Color)	4286583605 (0xFF801335)
YUV	55.4670, -1.2162, 63.6114
Hunter-Lab	23.0477, 35.3917, 6.1569

Details

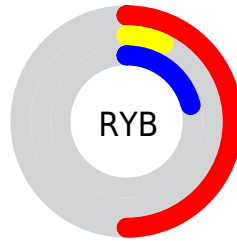
The Hex color **801335** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **13805E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BA4C63**, and **490008** is the 20% darker color. If you saturate the color by 10%, you get **80062C**, and if you desaturate by 10%, it is **80203E**.

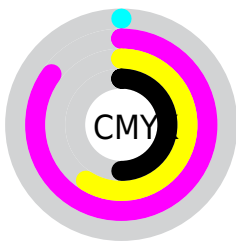
Distribution



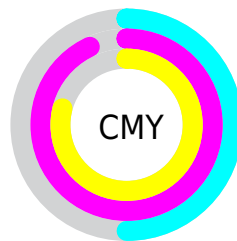
- Red (50%)
- Green (7%)
- Blue (21%)



- Red (50%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (85%)
- Yellow (59%)
- Black (50%)



- Cyan (50%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801335 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 801335 by changing the saturation by 10% instead.

 801335

 801335

FFFFFF

 640020

 BA4C63

 490008

 D7677C

 2F0002

 F58196

 000000

 FF9DB0

 FFB8CC

 FFD5E8

 FFF2FF

 801335

 801335

■ 80062C

■ 80203E

■ 800028

■ 802D47

■ 80394F

■ 804658

■ 805361

■ 80606A

■ 806D73

■ 80797B

■ 808684

Harmonies

Analogous

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



751B59



801335



782412

Triad

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



801335



184C00



004B86

Complementary

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



801335



13805E

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.



005071



801335



005029

Square

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



801335



444400



00514F



004189

Rectangle

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



801335



6B3100



00514F



004E81

Sweetspot

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



801335



A67B88



5D1380



543A42



D4D4D4



545454

Same Dimension

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



801335



A60034



802713



40393B



800028



000000

Inverse Universe

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



801335



A60034



136C80



40393B



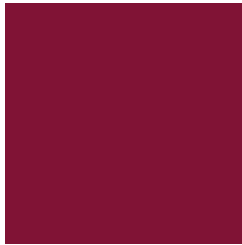
800028



000000

Previews

White Background



This preview shows how the Hex color 801335 looks on a white background.

Color Contrast Check

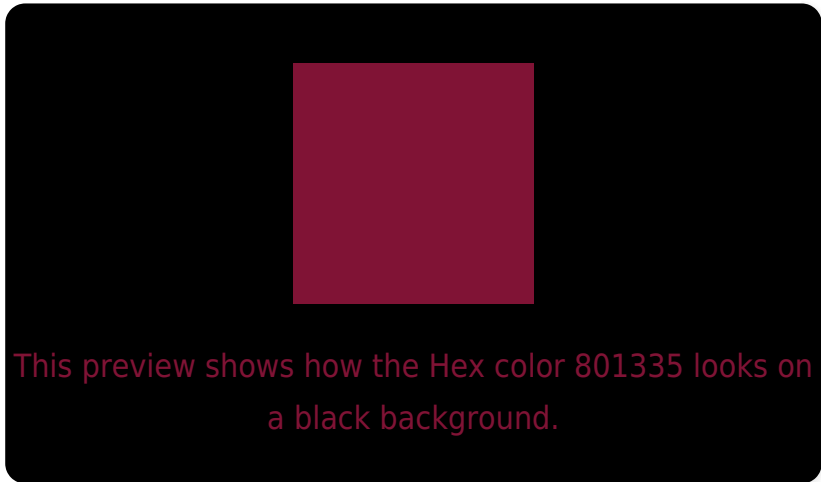
Large Text (above 18pt) WCAG AA ✓ Pass

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 801335 Background



This preview shows how black text looks on a background with the Hex color 801335.



This preview shows how white text looks on a background with the Hex color 801335.

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
801335

Protanopia
42434B

Deuteranopia
504030



Tritanopia
7F1B1B

Trichromacy



Original Color
801335

Protanomaly
593243

Deuteranomaly
613032

Tritanomaly
7F1824

Monochromacy



Original Color
801335

Achromatopsia
373737

Achromatomaly
522A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 801335 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 #801335 looks like.

```
.text, #text, p{  
    color:#801335  
}
```

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 #801335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801335
}
```

Border

The CSS property to change the border of an element to Hex 801335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

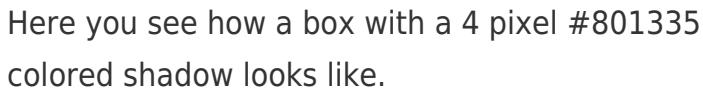
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801335 }
```

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

```
.border{ border-color:#801335 }
```

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



Here you see how a box with a 4 pixel #801335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801335; -webkit-box-shadow:4px 4px  
4px 4px #801335; box-shadow:4px 4px 4px  
4px #801335 }
```

Background

The CSS property to change the background color of an element to Hex 801335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801335 }
```

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

```
.background{ background-color:#801335 }
```

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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