

Converting Colors

Hex(801939)

Have a look what the booklet for
Hex(801939) contains.

Hex(801939)	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(801939)

Conversions

Conversions Part 1

Format	Color
Hex	801939
RGB	128, 25, 57
RGB Percent	50%, 10%, 22%
CMY	0.4980, 0.9020, 0.7765
CMYK	0.00, 0.80, 0.55, 0.50
HSL	341°, 67%, 30%
HSV	341°, 80%, 50%
XYZ	9.9882, 5.5799, 4.4215
YIQ	59.4450, 51.1160, 31.7880

Conversions

Conversions Part 2

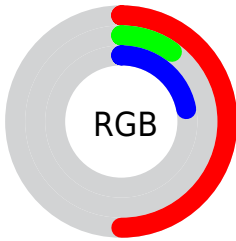
Format	Color
R_{YB}	128, 25, 57
Decimal	8395065
CIE Lab	28.33, 44.89, 7.68
CIE LCh	28, 45.539, 9.711
Yxy	5.5799, 0.4997, 0.2791
Android (android.graphics.Color)	4286585145 (0xFF801939)
YUV	59.4450, -1.2054, 60.1227
Hunter-Lab	23.6217, 34.1391, 5.4374

Details

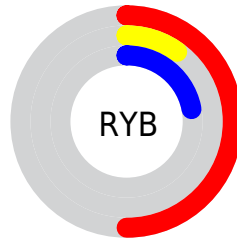
The Hex color **801939** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **198060**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **B95068**, and **49000E** is the 20% darker color. If you saturate the color by 10%, you get **800C30**, and if you desaturate by 10%, it is **802642**.

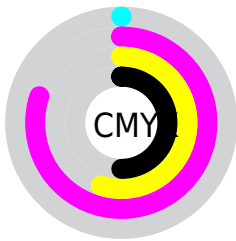
Distribution



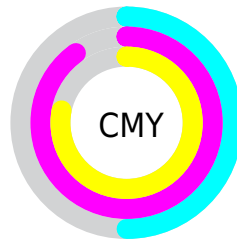
- Red (50%)
- Green (10%)
- Blue (22%)



- Red (50%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (55%)
- Black (50%)



- Cyan (50%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801939 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 801939 by changing the saturation by 10% instead.

 801939

 801939

FFFFFF

 640024

 B95068

 49000E

 D76A81

 300002

 F5859B

 000000

 FFA0B5

 FFBCD1

 FFD8ED

 FFF5FF

 801939

 801939

800C30

802642

800028

80334B

803F53

804C5C

805965

80666E

807377

807F80

808C88

Harmonies

Analogous

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



74215C



801939



792717

Triad

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



801939



204D02



004D85

Complementary

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



801939



198060

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.



00516F



801939



005129

Square

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



801939



484500



00524E



004389

Rectangle

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



801939



6D3300



00524E



004F7F

Sweetspot

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



801939



A67E8A



5F1980



543C43



D4D4D4



545454

Same Dimension

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



801939



A60537



802C19



40393B



800028



000000

Inverse Universe

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



801939



A60537



196D80



40393B



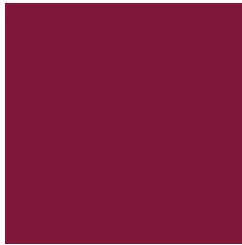
800028



000000

Previews

White Background



This preview shows how the Hex color 801939 looks on a white background.

Color Contrast Check

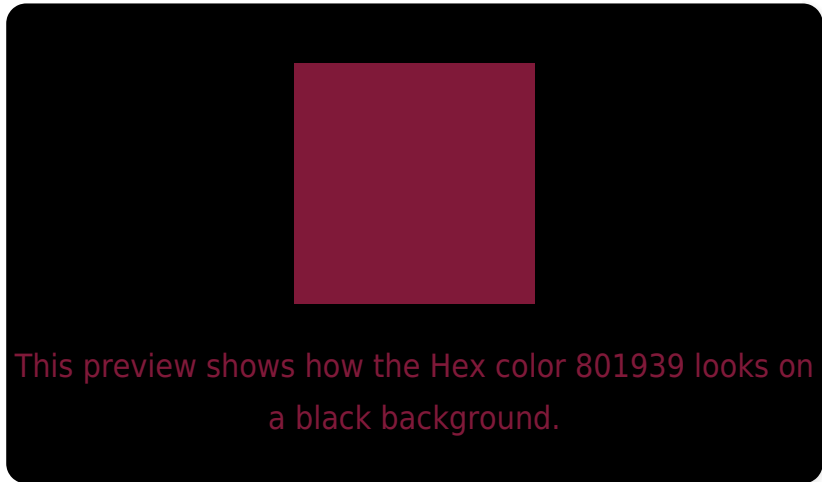
Large Text (above 18pt) WCAG AA ✓ Pass

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 801939 Background



This preview shows how black text looks on a background with the Hex color 801939.

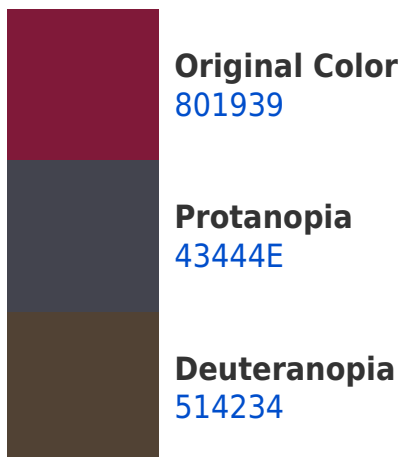


This preview shows how white text looks on a background with the Hex color 801939.

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
7F1F20

Trichromacy



Original Color
801939

Protanomaly
593446

Deuteranomaly
623336

Tritanomaly
7F1D29

Monochromacy



Original Color
801939

Achromatopsia
3B3B3B

Achromatomaly
542F3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 801939 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 #801939 looks like.

```
.text, #text, p{  
    color:#801939  
}
```

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 #801939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801939
}
```

Border

The CSS property to change the border of an element to Hex 801939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

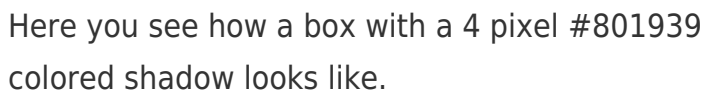
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801939 }
```

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

```
.border{ border-color:#801939 }
```

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



Here you see how a box with a 4 pixel #801939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801939; -webkit-box-shadow:4px 4px  
4px 4px #801939; box-shadow:4px 4px 4px  
4px #801939 }
```

Background

The CSS property to change the background color of an element to Hex 801939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801939 }
```

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

```
.background{ background-color:#801939 }
```

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