

Converting Colors

Hex(803351)

Have a look what the booklet for
Hex(803351) contains.

Hex(803351)	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(803351)

Conversions

Conversions Part 1

Format	Color
Hex	803351
RGB	128, 51, 81
RGB Percent	50%, 20%, 32%
CMY	0.4980, 0.8000, 0.6824
CMYK	0.00, 0.60, 0.37, 0.50
HSL	337°, 43%, 35%
HSV	337°, 60%, 50%
XYZ	11.5711, 7.5509, 8.6322
YIQ	77.4430, 36.2620, 25.6540

Conversions

Conversions Part 2

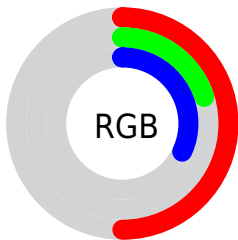
Format	Color
R_{YB}	128, 51, 81
Decimal	8401745
CIE Lab	33.03, 36.47, -1.38
CIE LCh	33, 36.500, 357.827
Yxy	7.5509, 0.4169, 0.2721
Android (android.graphics.Color)	4286591825 (0xFF803351)
YUV	77.4430, 1.7536, 44.3385
Hunter-Lab	27.4790, 27.0764, 0.6100

Details

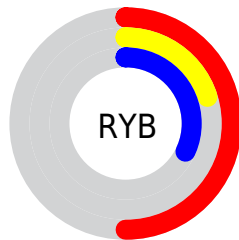
The Hex color **803351** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **338062**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B76582**, and **4B0025** is the 20% darker color. If you saturate the color by 10%, you get **802649**, and if you desaturate by 10%, it is **804059**.

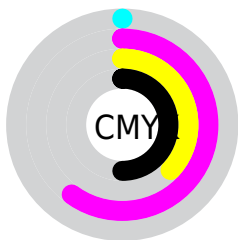
Distribution



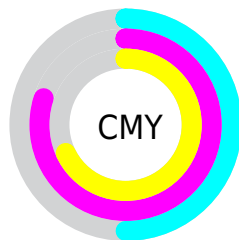
- Red (50%)
- Green (20%)
- Blue (32%)



- Red (50%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (60%)
- Yellow (37%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803351 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 803351 by changing the saturation by 10% instead.

 803351

 803351

FFFFFF

 651A3A

 B76582

 4B0025

 D47F9C

 33000F

 F19AB7

 100000

 FFB5D3

 000000

 FFD1EF

 FFEEFF

 803351

 803351

 802649

 804059

■ 801941

■ 804D61

■ 800D3A

■ 805968

■ 800032

■ 806670

■ 807378

■ 808080

■ 808D88

■ 809990

■ 80A697

Harmonies

Analogous

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



6F3B6D



803351



813634

Triad

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



803351



425416



00587E

Complementary

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



803351



338062

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.



005B68



803351



19592D

Square

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



803351



5F4C0F



005B4B



005287

Rectangle

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



803351



7A3D24



005B4B



005A78

Sweetspot

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



803351



A68894



613380



544249



D4D4D4



545454

Same Dimension

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



803351



A62E5D



803B33



40393C



800032



000000

Inverse Universe

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



803351



A62E5D



337880



40393C



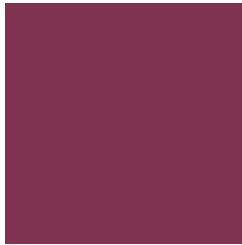
800032



000000

Previews

White Background



This preview shows how the Hex color 803351 looks on a white background.

Color Contrast Check

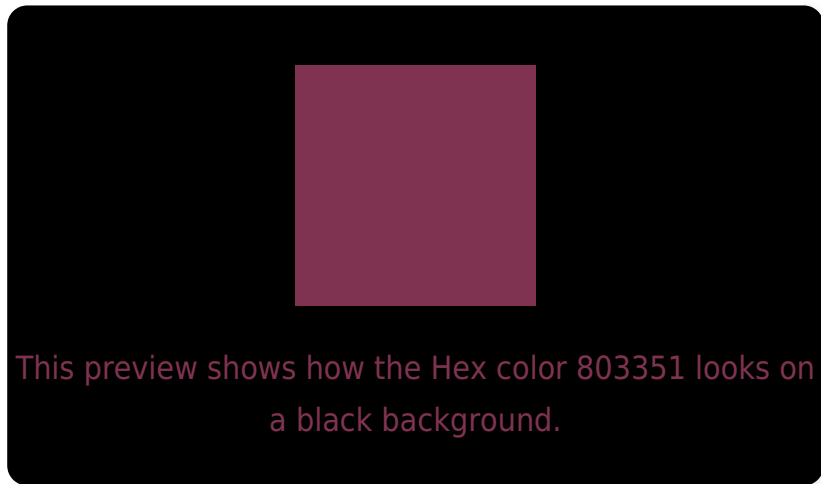
Large Text (above 18pt) WCAG AA ✓ Pass

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

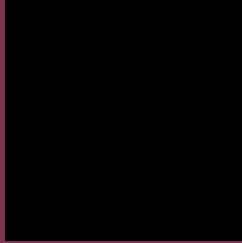
Any Text WCAG AA × Fail

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 803351 Background



This preview shows how black text looks on a background with the Hex color 803351.

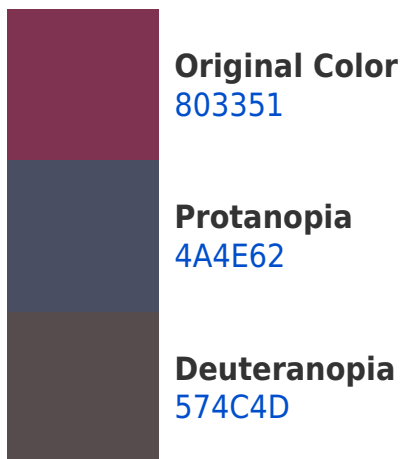


This preview shows how white text looks on a background with the Hex color 803351.

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
7E383B

Trichromacy



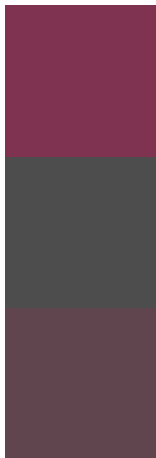
Original Color
803351

Protanomaly
5E445C

Deuteranomaly
66434E

Tritanomaly
7F3643

Monochromacy



Original Color
803351

Achromatopsia
4D4D4D

Achromatomaly
60444E

CSS Examples

Text

The CSS property to change the color of the text to Hex 803351 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 #803351 looks like.

```
.text, #text, p{  
    color:#803351  
}
```

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 #803351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803351
}
```

Border

The CSS property to change the border of an element to Hex 803351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

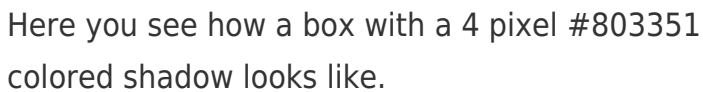
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803351 }
```

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

```
.border{ border-color:#803351 }
```

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



Here you see how a box with a 4 pixel #803351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803351; -webkit-box-shadow:4px 4px  
4px 4px #803351; box-shadow:4px 4px 4px  
4px #803351 }
```

Background

The CSS property to change the background color of an element to Hex 803351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803351 }
```

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

```
.background{ background-color:#803351 }
```

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