

Converting Colors

Hex(800C35)

Have a look what the booklet for
Hex(800C35) contains.

Hex(800C35)	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(800C35)

Conversions

Conversions Part 1

Format	Color
Hex	800C35
RGB	128, 12, 53
RGB Percent	50%, 5%, 21%
CMY	0.4980, 0.9529, 0.7922
CMYK	0.00, 0.91, 0.59, 0.50
HSL	339°, 83%, 27%
HSV	339°, 91%, 50%
XYZ	9.6762, 5.1092, 3.8443
YIQ	51.3580, 55.9750, 37.3430

Conversions

Conversions Part 2

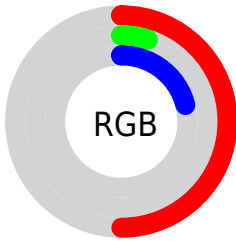
Format	Color
RYB	128, 12, 53
Decimal	8391733
CIELab	27.04, 47.93, 8.60
CIElCh	27, 48.700, 10.173
Yxy	5.1092, 0.5194, 0.2742
Android (android.graphics.Color)	4286581813 (0xFF800C35)
YUV	51.3580, 0.8095, 67.2150
Hunter-Lab	22.6035, 36.8566, 5.7386

Details

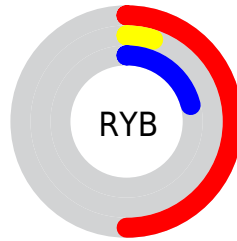
The Hex color **800C35** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C8057**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **BA4963**, and **480008** is the 20% darker color. If you saturate the color by 10%, you get **80002D**, and if you desaturate by 10%, it is **80193D**.

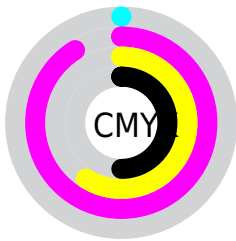
Distribution



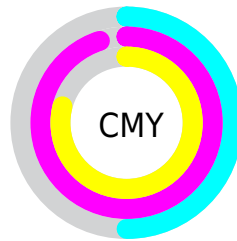
- Red (50%)
- Green (5%)
- Blue (21%)



- Red (50%)
- Yellow (5%)
- Blue (21%)



- Cyan (0%)
- Magenta (91%)
- Yellow (59%)
- Black (50%)



- Cyan (50%)
- Magenta (95%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800C35 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 800C35 by changing the saturation by 10% instead.

 800C35

 800C35

FFFFFF

 640020

 BA4963

 480008

 D7637C

 2E0002

 F67E96

 000000

 FF9AB0

 FFB5CC

 FFD2E8

 FFEFFF

 800C35

 800C35

■ 80002D

■ 80193D

■ 802646

■ 80324E

■ 803F56

■ 804C5E

■ 805967

■ 80666F

■ 807277

■ 807F7F

Harmonies

Analogous

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



74175A



800C35



782111

Triad

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



800C35



174A00



004B87

Complementary

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



800C35



0C8057

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.



004F70



800C35



004E25

Square

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



800C35



444200



00504C



00418A

Rectangle

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



800C35



6B2F00



00504C



004D81

Sweetspot

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



800C35



A67989



550C80



543943



D4D4D4



545454

Same Dimension

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



800C35



A6003B



801B0C



40393C



80002D



000000

Inverse Universe

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



800C35



A6003B



0C7180



40393C



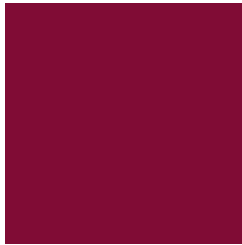
80002D



000000

Previews

White Background



This preview shows how the Hex color 800C35 looks on a white background.

Color Contrast Check

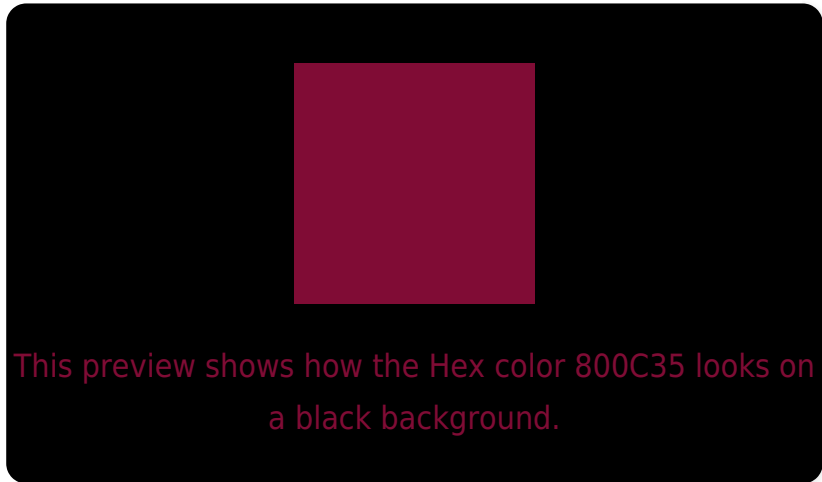
Large Text (above 18pt) WCAG AA ✓ Pass

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 800C35 Background



This preview shows how black text looks on a background with the Hex color 800C35.



This preview shows how white text looks on a background with the Hex color 800C35.

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
800C35

Protanopia
41424C

Deuteranopia
4F4030



Tritanopia
7F1717

Trichromacy



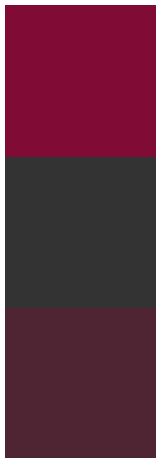
Original Color
800C35

Protanomaly
582E44

Deuteranomaly
612D32

Tritanomaly
7F1322

Monochromacy



Original Color
800C35

Achromatopsia
333333

Achromatomaly
4F2534

CSS Examples

Text

The CSS property to change the color of the text to Hex 800C35 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 #800C35 looks like.

```
.text, #text, p{  
    color:#800C35  
}
```

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 #800C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800C35
}
```

Border

The CSS property to change the border of an element to Hex 800C35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

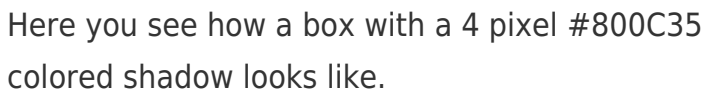
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800C35 }
```

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

```
.border{ border-color:#800C35 }
```

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



Here you see how a box with a 4 pixel #800C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800C35; -webkit-box-shadow:4px 4px  
4px 4px #800C35; box-shadow:4px 4px 4px  
4px #800C35 }
```

Background

The CSS property to change the background color of an element to Hex 800C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800C35 }
```

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

```
.background{ background-color:#800C35 }
```

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