

Converting Colors

Hex(800013)

Have a look what the booklet for
Hex(800013) contains.

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Color

Hex(800013)

Conversions

Conversions Part 1

Format	Color
Hex	800013
RGB	128, 0, 19
RGB Percent	50%, 0%, 7%
CMY	0.4980, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.85, 0.50
HSL	351°, 100%, 25%
HSV	351°, 100%, 50%
XYZ	9.0196, 4.6362, 1.0356
YIQ	40.4380, 70.1890, 33.0450

Conversions

Conversions Part 2

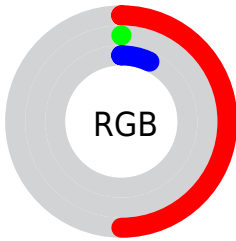
Format	Color
R_YB	128, 0, 19
Decimal	8388627
CIE Lab	25.67, 48.44, 29.47
CIE LCh	26, 56.703, 31.318
Yxy	4.6362, 0.6139, 0.3156
Android (android.graphics.Color)	4286578707 (0xFF800013)
YUV	40.4380, -10.5689, 76.7919
Hunter-Lab	21.5319, 37.0923, 12.2207

Details

The Hex color **800013** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00806D**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **BC433E**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **800013**, and if you desaturate by 10%, it is **800D1E**.

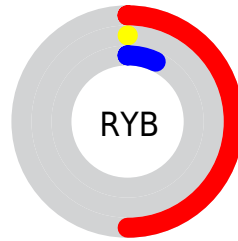
Distribution



Red (50%)

Green (0%)

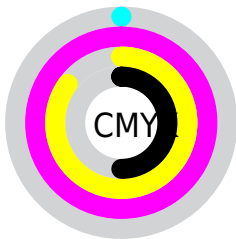
Blue (7%)



Red (50%)

Yellow (0%)

Blue (7%)

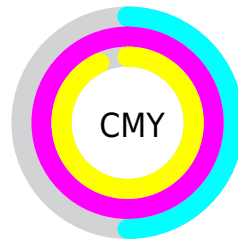


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800013 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 800013 by changing the saturation by 10% instead.

 800013

 800013

 FFFFF5

 630000

 BC433E

 460000

 DB5E55

 2A0001

 FA786E

 000000

 FF9487

 FFAFA1

 FFCCBC

 FFE9D8

 800013

 800D1E

 801A29

 802634

 80333F

 80404A

 804D54

 805A5F

 80666A

 807375

Harmonies

Analogous

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



84003D



800013



6B2900

Triad

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



800013



004C0E



004395

Complementary

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



800013



00806D

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.



004B89



800013



004E3E

Square

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



800013



1D4600



004E69



353088

Rectangle

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



800013



563700



004E69



004693

Sweetspot

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



800013



A6747B



6D0080



54363A



D4D4D4



545454

Same Dimension

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



800013



A60019



802D00



40393A



000000

Inverse Universe

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



800013



A60019



005380



40393A



000000

Previews

White Background



This preview shows how the Hex color 800013 looks on a white background.

Color Contrast Check

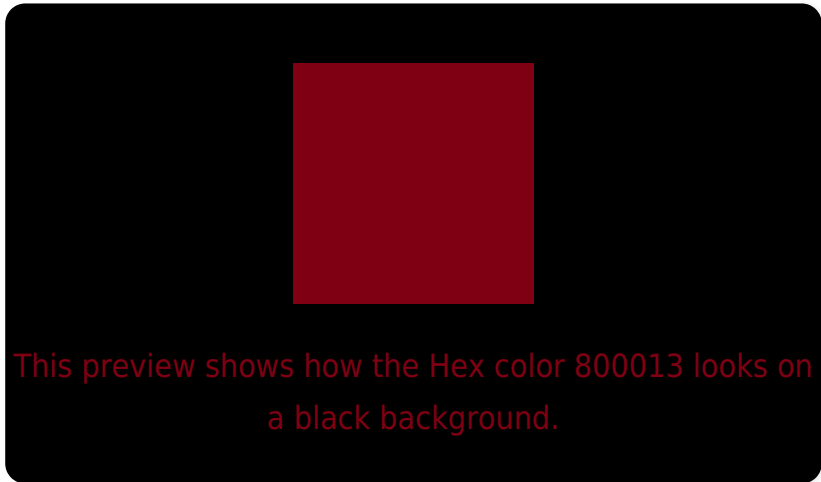
Large Text (above 18pt) WCAG AA ✓ Pass

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 800013 Background



This preview shows how black text looks on a background with the Hex color 800013.



This preview shows how white text looks on a background with the Hex color 800013.

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
800013

Protanopia
48411F

Deuteranopia
523D00



Trichromacy



Original Color
800013

Protanomaly
5C291B

Deuteranomaly
632707

Tritanomaly
7F0807

Monochromacy



Original Color
800013

Achromatopsia
282828

Achromatomaly
481920

CSS Examples

Text

The CSS property to change the color of the text to Hex 800013 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 #800013 looks like.

```
.text, #text, p{  
    color:#800013  
}
```

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 #800013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800013
}
```

Border

The CSS property to change the border of an element to Hex 800013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

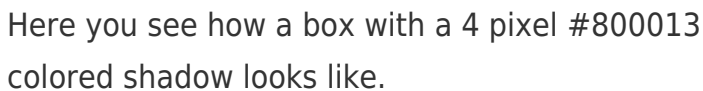
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800013 }
```

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

```
.border{ border-color:#800013 }
```

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



Here you see how a box with a 4 pixel #800013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800013; -webkit-box-shadow:4px 4px  
4px 4px #800013; box-shadow:4px 4px 4px  
4px #800013 }
```

Background

The CSS property to change the background color of an element to Hex 800013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800013 }
```

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

```
.background{ background-color:#800013 }
```

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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