

Converting Colors

Hex(80002D)

Have a look what the booklet for
Hex(80002D) contains.

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Color

Hex(80002D)

Conversions

Conversions Part 1

Format	Color
Hex	80002D
RGB	128, 0, 45
RGB Percent	50%, 0%, 18%
CMY	0.4980, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.65, 0.50
HSL	339°, 100%, 25%
HSV	339°, 100%, 50%
XYZ	9.3757, 4.7787, 2.9108
YIQ	43.4020, 61.8430, 41.1310

Conversions

Conversions Part 2

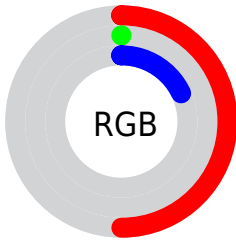
Format	Color
RYB	128, 0, 45
Decimal	8388653
CIELab	26.09, 49.58, 12.77
CIELCh	26, 51.202, 14.448
Yxy	4.7787, 0.5494, 0.2800
Android (android.graphics.Color)	4286578733 (0xFF80002D)
YUV	43.4020, 0.7878, 74.1924
Hunter-Lab	21.8601, 38.3028, 7.4072

Details

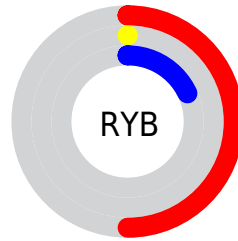
The Hex color **80002D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008053**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **BB445A**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **80002D**, and if you desaturate by 10%, it is **800D35**.

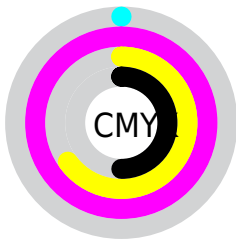
Distribution



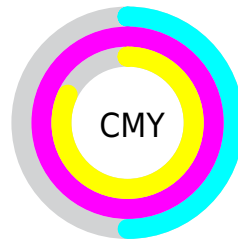
- Red (50%)
- Green (0%)
- Blue (18%)



- Red (50%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80002D 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 80002D by changing the saturation by 10% instead.

 80002D

 80002D

FFFFFF

 630019

 BB445A

 480000

 D85F73

 2D0001

 F77A8C

 000000

 FF95A6

 FFB1C2

 FFCDDD

 FFEAFA

 80002D

 800D35

 801A3E

 802646

 80334E

 804057

 804D5F

 805A67

 80666F

 807378

Harmonies

Analogous

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



770954



80002D



751F05

Triad

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



80002D



004900



00488A

Complementary

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



80002D



008053

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.



004D74



80002D



004D27

Square

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



80002D



3C4200



004E50



003D8A

Rectangle

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



80002D



672E00



004E50



004A85

Sweetspot

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



80002D



A67486



510080



543641



D4D4D4



545454

Same Dimension

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



80002D



A6003A



801100



40393C



000000

Inverse Universe

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



80002D



A6003A



006F80



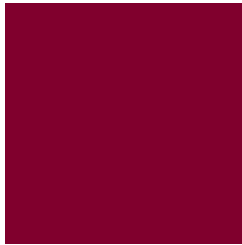
40393C



000000

Previews

White Background



This preview shows how the Hex color 80002D looks on a white background.

Color Contrast Check

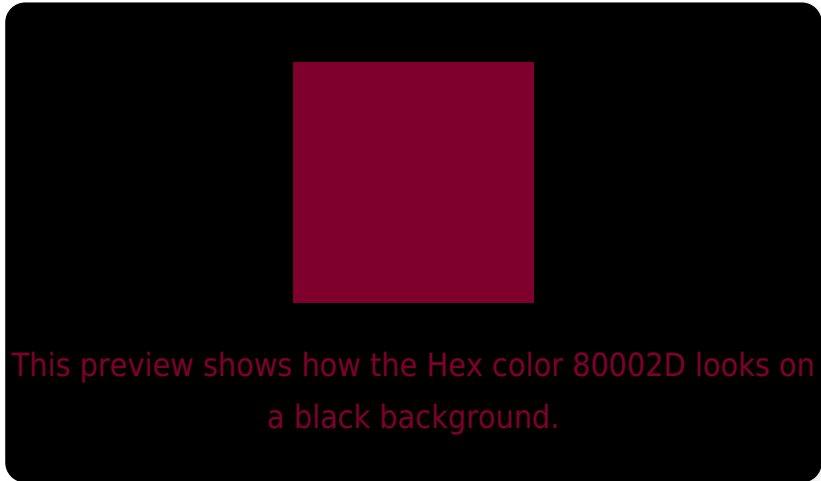
Large Text (above 18pt) WCAG AA ✓ Pass

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 80002D Background



This preview shows how black text looks on a background with the Hex color 80002D.



This preview shows how white text looks on a background with the Hex color 80002D.

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
80002D

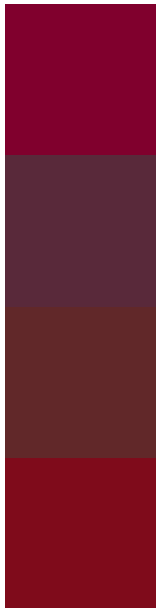
Protanopia
424142

Deuteranopia
4F3F27



Tritanopia
7F1210

Trichromacy



Original Color
80002D

Protanomaly
59293A

Deuteranomaly
612829

Tritanomaly
7F0B1B

Monochromacy



Original Color
80002D

Achromatopsia
2B2B2B

Achromatomaly
4A1B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 80002D 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 #80002D looks like.

```
.text, #text, p{  
    color:#80002D  
}
```

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 #80002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80002D
}
```

Border

The CSS property to change the border of an element to Hex 80002D is called "border". The border property can be set on classes, ids or directly on the HTML element.

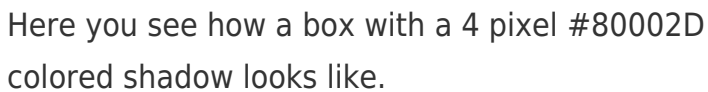
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80002D }
```

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

```
.border{ border-color:#80002D }
```

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



Here you see how a box with a 4 pixel #80002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80002D; -webkit-box-shadow:4px 4px  
4px 4px #80002D; box-shadow:4px 4px 4px  
4px #80002D }
```

Background

The CSS property to change the background color of an element to Hex 80002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80002D }
```

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

```
.background{ background-color:#80002D }
```

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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