

Converting Colors

Hex(80002F)

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

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Color

Hex(80002F)

Conversions

Conversions Part 1

Format	Color
Hex	80002F
RGB	128, 0, 47
RGB Percent	50%, 0%, 18%
CMY	0.4980, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.63, 0.50
HSL	338°, 100%, 25%
HSV	338°, 100%, 50%
XYZ	9.4152, 4.7944, 3.1185
YIQ	43.6300, 61.2010, 41.7530

Conversions

Conversions Part 2

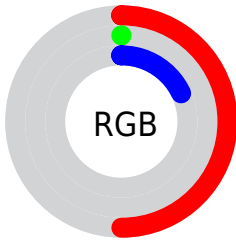
Format	Color
R_{YB}	128, 0, 47
Decimal	8388655
CIE Lab	26.14, 49.71, 11.47
CIE LCh	26, 51.012, 12.988
Yxy	4.7944, 0.5433, 0.2767
Android (android.graphics.Color)	4286578735 (0xFF80002F)
YUV	43.6300, 1.6614, 73.9925
Hunter-Lab	21.8962, 38.4352, 6.8831

Details

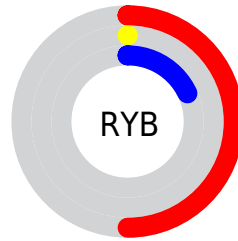
The Hex color **80002F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008051**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **BA445C**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **80002F**, and if you desaturate by 10%, it is **800D37**.

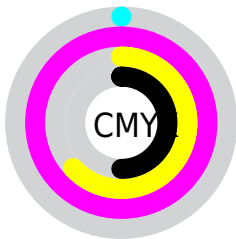
Distribution



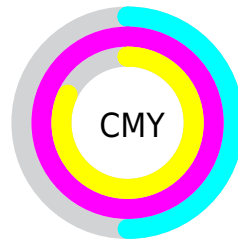
- Red (50%)
- Green (0%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (50%)



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

Brightness & Saturation Gradients

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

 80002F

 80002F

FFFFFF

 63001B


 BA445C

 480000

 D85F75

 2D0001

 F77A8F

 000000

 FF95A9

 FFB1C4

 FFCDE0

 FFEAFD

 80002F

 800D37

 801A3F

 802647

 80334F

 804058

 804D60

 805A68

 806670

 807378

Harmonies

Analogous

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



760C56



80002F



761E07

Triad

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



80002F



054900



004989

Complementary

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



80002F



008051

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.



004D73



80002F



004D25

Square

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



80002F



3E4100



004E4E



003D8B

Rectangle

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



80002F



682D00



004E4E



004B84

Sweetspot

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



80002F



A67486



4F0080



543641



D4D4D4



545454

Same Dimension

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



80002F



A6003D



800F00



40393C



000000

Inverse Universe

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



80002F



A6003D



007180



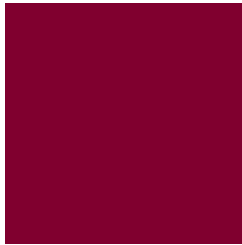
40393C



000000

Previews

White Background



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

Color Contrast Check

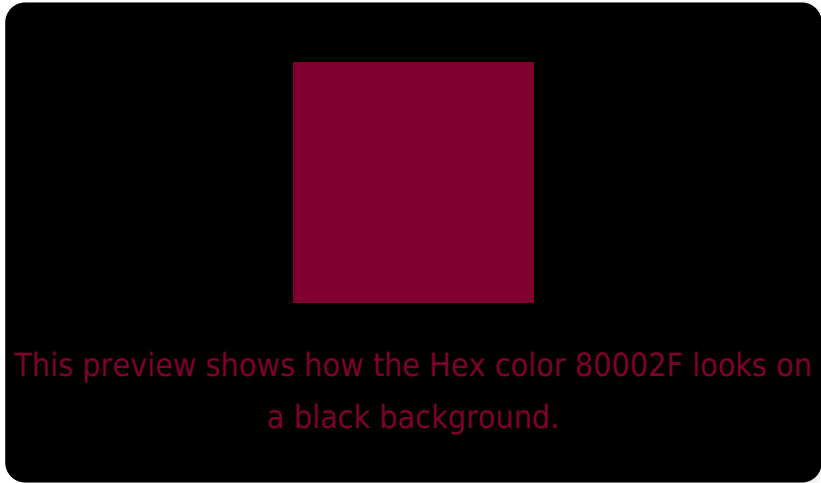
Large Text (above 18pt) WCAG AA ✓ Pass

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 80002F Background



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

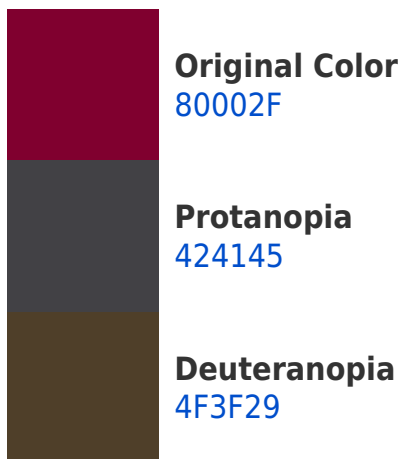


This preview shows how white text looks on a background with the Hex color 80002F.

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
7F1311

Trichromacy



Original Color
80002F

Protanomaly
59293D

Deuteranomaly
61282B

Tritanomaly
7F0C1C

Monochromacy



Original Color
80002F

Achromatopsia
2C2C2C

Achromatomaly
4B1C2D

CSS Examples

Text

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

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

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 #80002F colored shadow looks like.

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

Border

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

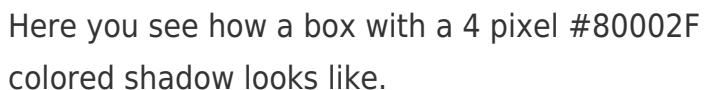
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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