

Converting Colors

Hex(801F80)

Have a look what the booklet for
Hex(801F80) contains.

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Color

Hex(801F80)

Conversions

Conversions Part 1

Format	Color
Hex	801F80
RGB	128, 31, 128
RGB Percent	50%, 12%, 50%
CMY	0.4980, 0.8784, 0.4980
CMYK	0.00, 0.76, 0.00, 0.50
HSL	300°, 61%, 31%
HSV	300°, 76%, 50%
XYZ	13.2884, 7.1277, 21.0975
YIQ	71.0610, 26.6750, 50.7310

Conversions

Conversions Part 2

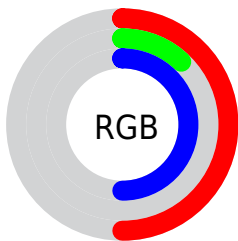
Format	Color
RYB	128, 31, 128
Decimal	8396672
CIELab	32.10, 52.20, -32.81
CIElCh	32, 61.651, 327.849
Yxy	7.1277, 0.3201, 0.1717
Android (android.graphics.Color)	4286586752 (0xFF801F80)
YUV	71.0610, 28.0709, 49.9355
Hunter-Lab	26.6977, 42.1245, -28.1647

Details

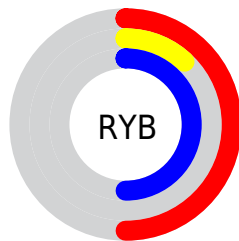
The Hex color **801F80** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **1F801F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B857B5**, and **4B004E** is the 20% darker color. If you saturate the color by 10%, you get **801280**, and if you desaturate by 10%, it is **802C80**.

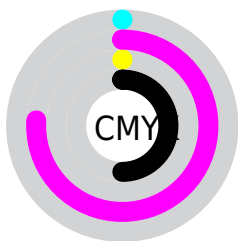
Distribution



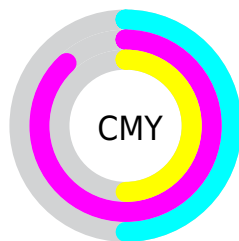
- Red (50%)
- Green (12%)
- Blue (50%)



- Red (50%)
- Yellow (12%)
- Blue (50%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801F80 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 801F80 by changing the saturation by 10% instead.

 801F80

 801F80

FFFFFF

 650067

 B857B5

 4B004E

 D471D1

 330037

 F28CEE

 150021

 FFA8FF

 000005

 FFC4FF

 000000

 FFE1FF

 FFFEFF

 801F80

 801F80

■ 801280

■ 802C80

■ 800580

■ 803980

■ 800080

■ 804580

■ 805280

■ 805F80

■ 806C80

■ 807980

■ 808580

■ 809280

Harmonies

Analogous

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



3740A3



801F80



9B0051

Triad

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



801F80



604900



005F78

Complementary

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



801F80



1F801F

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.



005F46



801F80



315500

Square

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



801F80



843200



005C10



005D9E

Rectangle

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



801F80



9D0031



005C10



005F68

Sweetspot

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



801F80



A680A6



1F1F80



543D54



D4D4D4



545454

Same Dimension

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



801F80



A60FA6



801F50



403940



800080



000000

Inverse Universe

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



801F80



A60FA6



1F8050



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 801F80 looks on a white background.

Color Contrast Check

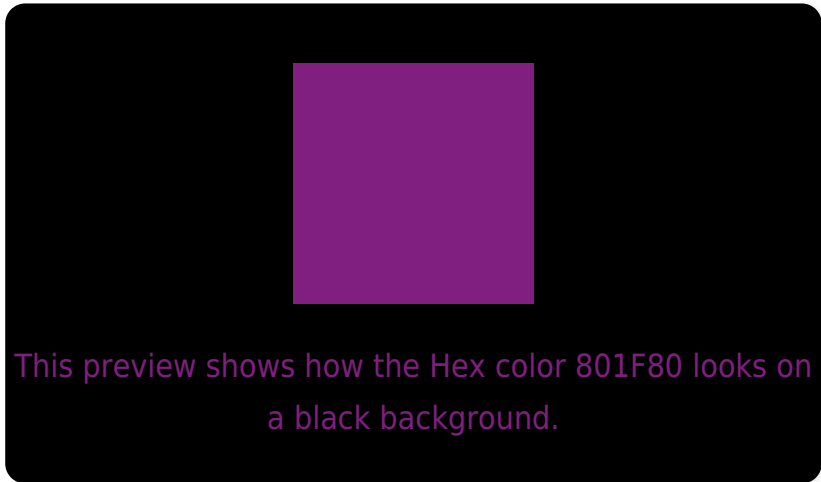
Large Text (above 18pt) WCAG AA ✓ Pass

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 801F80 Background



This preview shows how black text looks on a background with the Hex color 801F80.

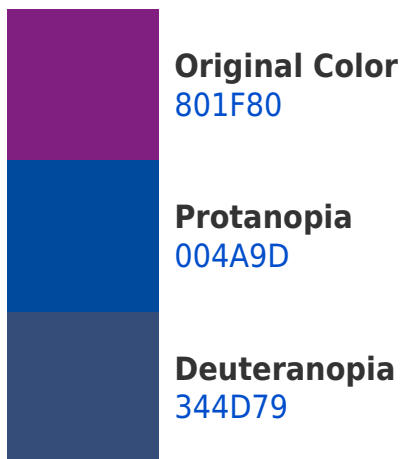


This preview shows how white text looks on a background with the Hex color 801F80.

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
78383C

Trichromacy



Original Color
801F80



Protanomaly
2F3A92



Deuteranomaly
503C7C



Tritanomaly
7B2F55

Monochromacy



Original Color
801F80



Achromatopsia
474747



Achromatomaly
5C385C

CSS Examples

Text

The CSS property to change the color of the text to Hex 801F80 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 #801F80 looks like.

```
.text, #text, p{  
    color:#801F80  
}
```

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 #801F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801F80
}
```

Border

The CSS property to change the border of an element to Hex 801F80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

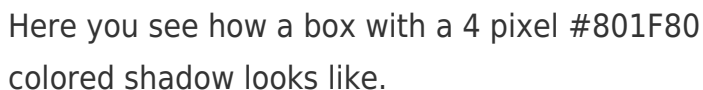
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801F80 }
```

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

```
.border{ border-color:#801F80 }
```

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



Here you see how a box with a 4 pixel #801F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801F80; -webkit-box-shadow:4px 4px  
4px 4px #801F80; box-shadow:4px 4px 4px  
4px #801F80 }
```

Background

The CSS property to change the background color of an element to Hex 801F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801F80 }
```

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

```
.background{ background-color:#801F80 }
```

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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