

Converting Colors

Hex(802F80)

Have a look what the booklet for
Hex(802F80) contains.

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Color

Hex(802F80)

Conversions

Conversions Part 1

Format	Color
Hex	802F80
RGB	128, 47, 128
RGB Percent	50%, 18%, 50%
CMY	0.4980, 0.8157, 0.4980
CMYK	0.00, 0.63, 0.00, 0.50
HSL	300°, 46%, 34%
HSV	300°, 63%, 50%
XYZ	13.8149, 8.1807, 21.2730
YIQ	80.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

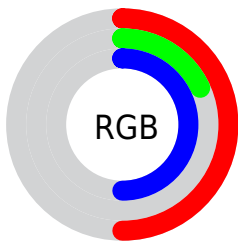
Format	Color
R_{YB}	128, 47, 128
Decimal	8400768
CIE _{Lab}	34.36, 45.84, -29.23
CIE _{LCh}	34, 54.363, 327.473
Yxy	8.1807, 0.3193, 0.1891
Android (android.graphics.Color)	4286590848 (0xFF802F80)
YUV	80.4530, 23.4407, 41.6987
Hunter-Lab	28.6020, 36.1628, -24.0761

Details

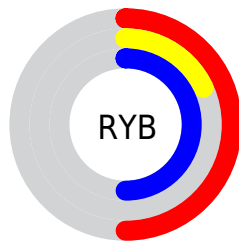
The Hex color **802F80** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2F802F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B763B5**, and **4C004E** is the 20% darker color. If you saturate the color by 10%, you get **802280**, and if you desaturate by 10%, it is **803C80**.

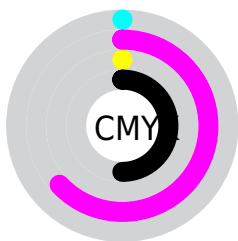
Distribution



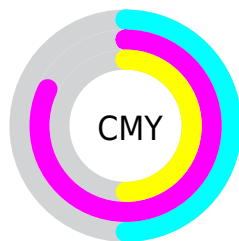
- Red (50%)
- Green (18%)
- Blue (50%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 802F80 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 802F80 by changing the saturation by 10% instead.

 802F80

 802F80

FFFFFF

 651267

 B763B5

 4C004E

 D47DD1

 330037

 F198ED

 190021

 FFB4FF

 000005

 FFD0FF

 000000

 FFEDFF

 802F80

 802F80

 802280

 803C80

■ 801580

■ 804980

■ 800980

■ 805580

■ 800080

■ 806280

■ 806F80

■ 807C80

■ 808980

■ 809580

■ 80A280

Harmonies

Analogous

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



43479E



802F80



991A56

Triad

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



802F80



664E00



006378

Complementary

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



802F80



2F802F

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.



00634C



802F80



3C5A00

Square

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



802F80



863B00



00601E



00609A

Rectangle

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



802F80



9B1D3A



00601E



00646A

Sweetspot

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



802F80



A686A6



2F2F80



544154



D4D4D4



545454

Same Dimension

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



802F80



A628A6



802F58



403940



800080



000000

Inverse Universe

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



802F80



A628A6



2F8058



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 802F80 looks on a white background.

Color Contrast Check

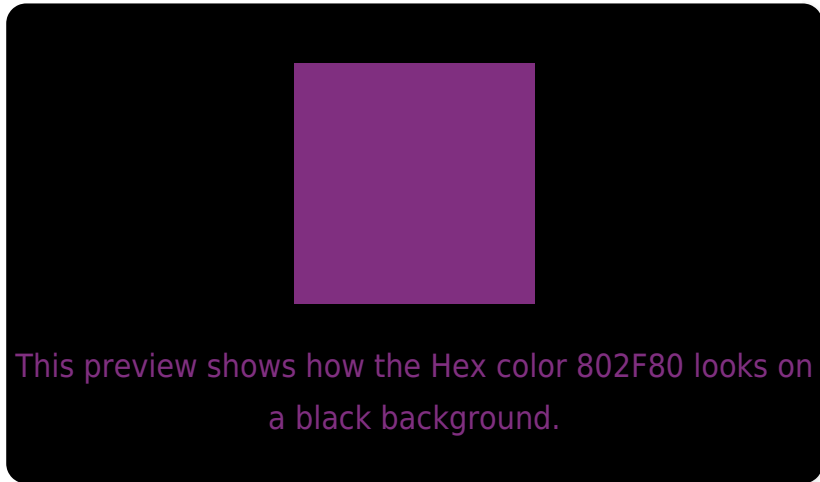
Large Text (above 18pt) WCAG AA ✓ Pass

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

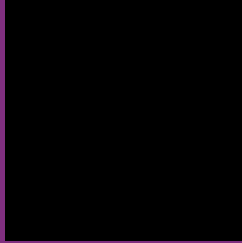
Any Text WCAG AA × Fail

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 802F80 Background



This preview shows how black text looks on a background with the Hex color 802F80.

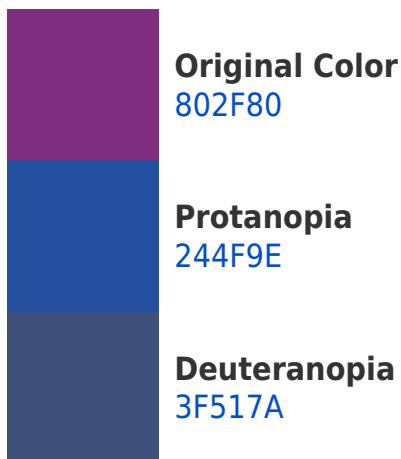


This preview shows how white text looks on a background with the Hex color 802F80.

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](#).

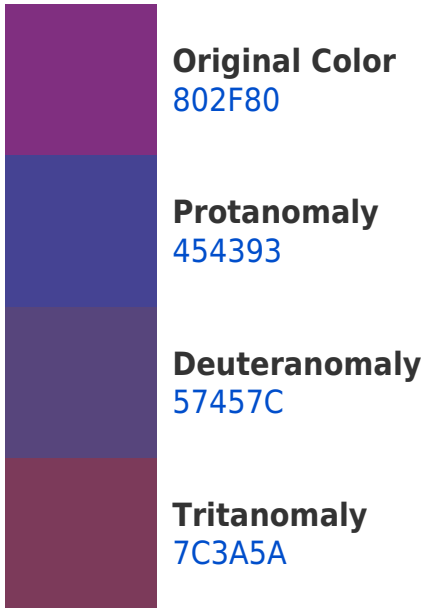
Dichromacy



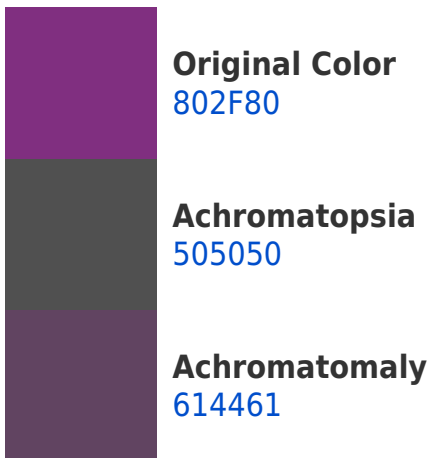


Tritanopia
794045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 802F80 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 #802F80 looks like.

```
.text, #text, p{  
    color:#802F80  
}
```

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 #802F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802F80
}
```

Border

The CSS property to change the border of an element to Hex 802F80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

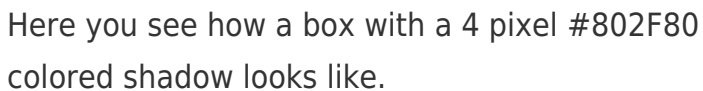
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802F80 }
```

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

```
.border{ border-color:#802F80 }
```

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



Here you see how a box with a 4 pixel #802F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802F80; -webkit-box-shadow:4px 4px  
4px 4px #802F80; box-shadow:4px 4px 4px  
4px #802F80 }
```

Background

The CSS property to change the background color of an element to Hex 802F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802F80 }
```

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

```
.background{ background-color:#802F80 }
```

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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