

Converting Colors

Hex(802980)

Have a look what the booklet for
Hex(802980) contains.

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Color

Hex(802980)

Conversions

Conversions Part 1

Format	Color
Hex	802980
RGB	128, 41, 128
RGB Percent	50%, 16%, 50%
CMY	0.4980, 0.8392, 0.4980
CMYK	0.00, 0.68, 0.00, 0.50
HSL	300°, 51%, 33%
HSV	300°, 68%, 50%
XYZ	13.5913, 7.7336, 21.1985
YIQ	76.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

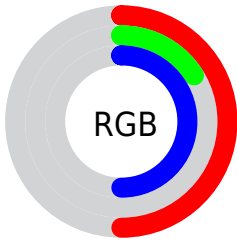
Format	Color
RYB	128, 41, 128
Decimal	8399232
CIELab	33.42, 48.44, -30.71
CIElCh	33, 57.351, 327.628
Yxy	7.7336, 0.3196, 0.1819
Android (android.graphics.Color)	4286589312 (0xFF802980)
YUV	76.9310, 25.1770, 44.7875
Hunter-Lab	27.8093, 38.5724, -25.7290

Details

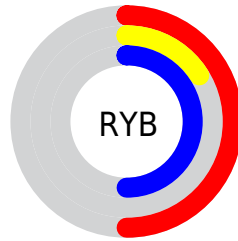
The Hex color **802980** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **298029**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B75EB5**, and **4B004E** is the 20% darker color. If you saturate the color by 10%, you get **801C80**, and if you desaturate by 10%, it is **803680**.

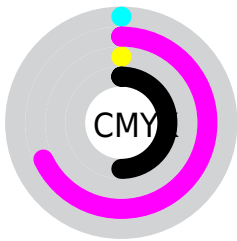
Distribution



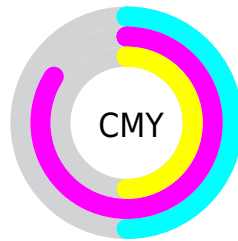
- Red (50%)
- Green (16%)
- Blue (50%)



- Red (50%)
- Yellow (16%)
- Blue (50%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802980 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 802980 by changing the saturation by 10% instead.

 802980

 802980

FFFFFF

 650867

 B75EB5

 4B004E

 D478D1

 330037

 F193ED

 180021

 FFAFFF

 000005

 FFCBFF

 000000

 FFE8FF

 802980

 802980

 801C80

 803680

 800F80

 804380

 800380

 804F80

 800080


 805C80

 806980

 807680

 808380

 808F80

 809C80

Harmonies

Analogous

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



3F44A0



802980



9A0B54

Triad

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



802980



644C00



006278

Complementary

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



802980



298029

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.



00614A



802980



375800

Square

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



802980



853700



005E18



005F9C

Rectangle

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



802980



9C1136



005E18



006269

Sweetspot

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



802980



A685A6



292980



544054



D4D4D4



545454

Same Dimension

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



802980



A61EA6



802955



403940



800080



000000

Inverse Universe

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



802980



A61EA6



298055



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 802980 looks on a white background.

Color Contrast Check

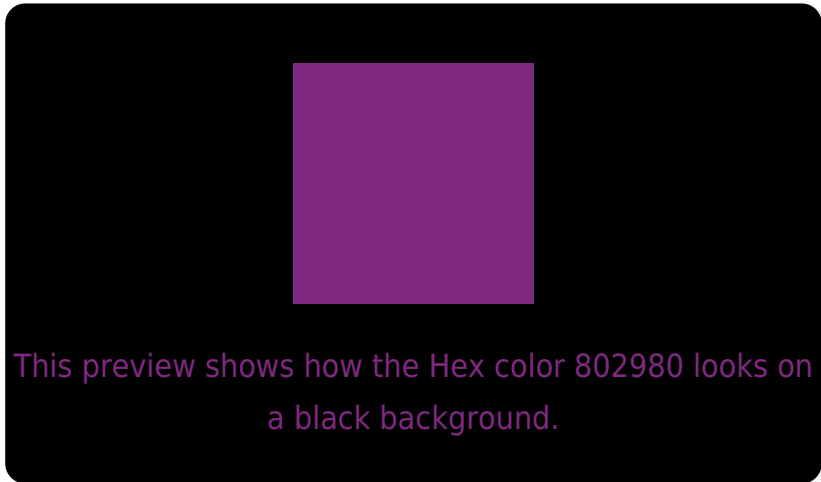
Large Text (above 18pt) WCAG AA ✓ Pass

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 802980 Background



This preview shows how black text looks on a background with the Hex color 802980.

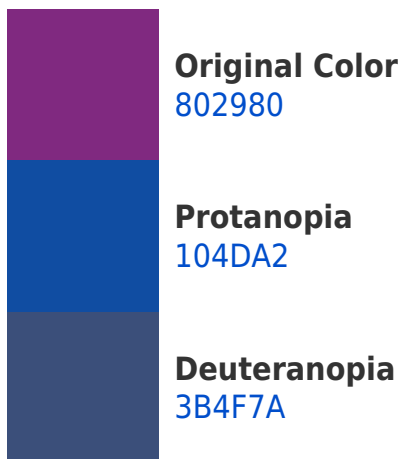


This preview shows how white text looks on a background with the Hex color 802980.

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](#).

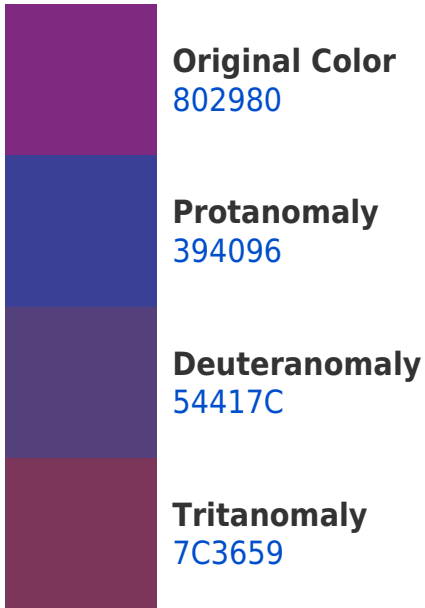
Dichromacy



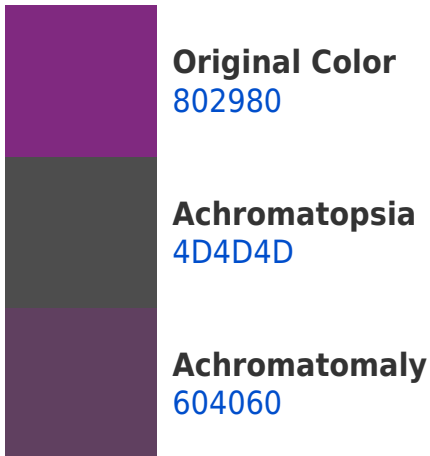


Tritanopia
793D42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 802980 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 #802980 looks like.

```
.text, #text, p{  
    color:#802980  
}
```

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 #802980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802980
}
```

Border

The CSS property to change the border of an element to Hex 802980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

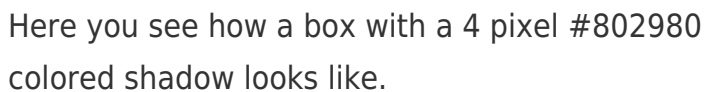
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802980 }
```

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

```
.border{ border-color:#802980 }
```

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



Here you see how a box with a 4 pixel #802980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802980; -webkit-box-shadow:4px 4px  
4px 4px #802980; box-shadow:4px 4px 4px  
4px #802980 }
```

Background

The CSS property to change the background color of an element to Hex 802980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802980 }
```

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

```
.background{ background-color:#802980 }
```

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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