

Converting Colors

Hex(803980)

Have a look what the booklet for
Hex(803980) contains.

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Color

Hex(803980)

Conversions

Conversions Part 1

Format	Color
Hex	803980
RGB	128, 57, 128
RGB Percent	50%, 22%, 50%
CMY	0.4980, 0.7765, 0.4980
CMYK	0.00, 0.55, 0.00, 0.50
HSL	300°, 38%, 36%
HSV	300°, 55%, 50%
XYZ	14.2615, 9.0740, 21.4219
YIQ	86.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

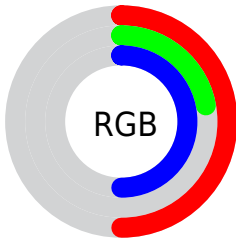
Format	Color
R_{YB}	128, 57, 128
Decimal	8403328
CIE _{Lab}	36.13, 41.01, -26.45
CIE _{LCh}	36, 48.799, 327.180
Yxy	9.0740, 0.3186, 0.2027
Android (android.graphics.Color)	4286593408 (0xFF803980)
YUV	86.3230, 20.5468, 36.5507
Hunter-Lab	30.1230, 31.7941, -21.0777

Details

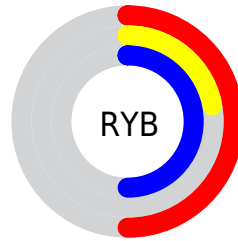
The Hex color **803980** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **398039**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **B76CB5**, and **4C014E** is the 20% darker color. If you saturate the color by 10%, you get **802C80**, and if you desaturate by 10%, it is **804680**.

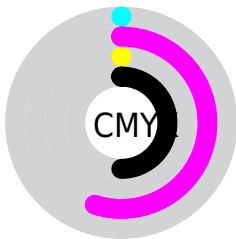
Distribution



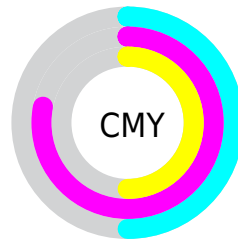
- Red (50%)
- Green (22%)
- Blue (50%)



- Red (50%)
- Yellow (22%)
- Blue (50%)



- Cyan (0%)
- Magenta (55%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803980 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 803980 by changing the saturation by 10% instead.

 803980

 803980

FFFFFF

 662067

 B76CB5

 4C014E

 D386D1

 340037

 F0A1ED

 1D0022

 FFBDFF

 000006

 FFD9FF

 000000

 FFF6FF

 803980

 803980

 802C80

 804680

 801F80

 805380

 801380

 805F80

 800680

 806C80

 800080

 807980

 808680

 809380

 809F80

 80AC80

Harmonies

Analogous

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



4B4C9B



803980



972B5A

Triad

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



803980



6A5200



006778

Complementary

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



803980



398039

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.



006650



803980



445D00

Square

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



803980



874210



006328



006397

Rectangle

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



803980



9A2C40



006328



00676B

Sweetspot

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



803980



A68AA6



393980



544354



D4D4D4



545454

Same Dimension

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



803980



A637A6



80395D



403940



800080



000000

Inverse Universe

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



803980



A637A6



39805D



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 803980 looks on a white background.

Color Contrast Check

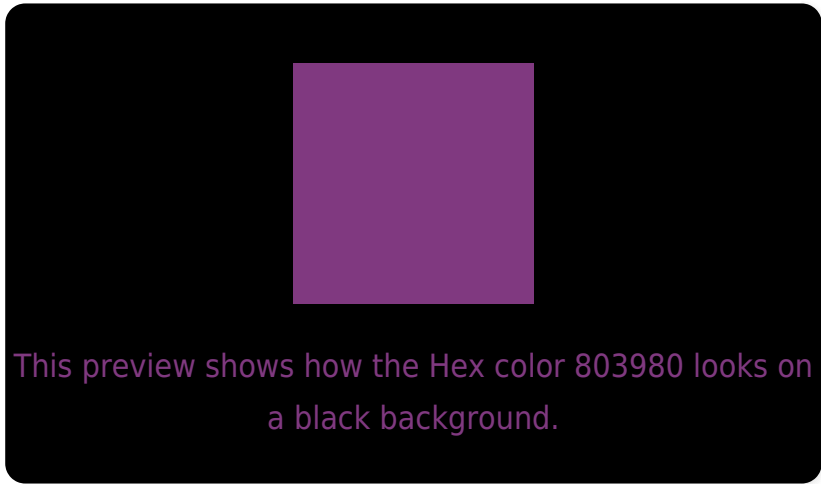
Large Text (above 18pt) WCAG AA ✓ Pass

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

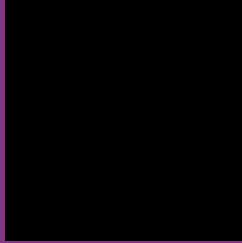
Any Text WCAG AA × Fail

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 803980 Background



This preview shows how black text looks on a background with the Hex color 803980.

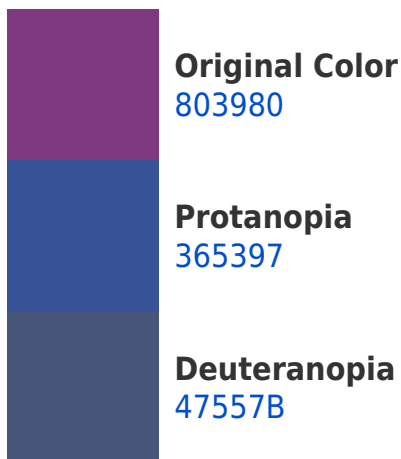



This preview shows how white text looks on a background with the Hex color 803980.

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
7A474C

Trichromacy



Original Color
803980

Protanomaly
514A8F

Deuteranomaly
5C4B7D

Tritanomaly
7C425F

Monochromacy



Original Color
803980

Achromatopsia
565656

Achromatomaly
654B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 803980 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 #803980 looks like.

```
.text, #text, p{  
    color:#803980  
}
```

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 #803980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803980
}
```

Border

The CSS property to change the border of an element to Hex 803980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

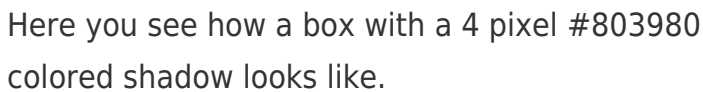
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803980 }
```

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

```
.border{ border-color:#803980 }
```

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



Here you see how a box with a 4 pixel #803980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803980; -webkit-box-shadow:4px 4px  
4px 4px #803980; box-shadow:4px 4px 4px  
4px #803980 }
```

Background

The CSS property to change the background color of an element to Hex 803980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803980 }
```

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

```
.background{ background-color:#803980 }
```

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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