

Converting Colors

Hex(802A99)

Have a look what the booklet for
Hex(802A99) contains.

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Color

Hex(802A99)

Conversions

Conversions Part 1

Format	Color
Hex	802A99
RGB	128, 42, 153
RGB Percent	50%, 16%, 60%
CMY	0.4980, 0.8353, 0.4000
CMYK	0.16, 0.73, 0.00, 0.40
HSL	286°, 57%, 38%
HSV	286°, 73%, 60%
XYZ	15.4798, 8.5450, 30.9705
YIQ	80.3680, 15.6250, 52.7530

Conversions

Conversions Part 2

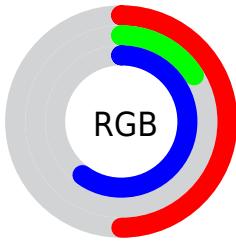
Format	Color
R_{YB}	128, 42, 153
Decimal	8399513
CIE _{Lab}	35.09, 52.82, -43.44
CIE _{LCh}	35, 68.390, 320.568
Yxy	8.5450, 0.2815, 0.1554
Android (android.graphics.Color)	4286589593 (0xFF802A99)
YUV	80.3680, 35.8076, 41.7733
Hunter-Lab	29.2319, 43.3693, -42.3540

Details

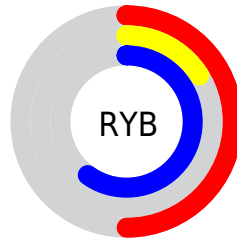
The Hex color **802A99** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **43992A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B860D0**, and **4A0065** is the 20% darker color. If you saturate the color by 10%, you get **7D1B99**, and if you desaturate by 10%, it is **833999**.

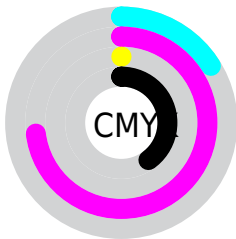
Distribution



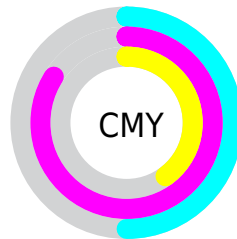
- Red (50%)
- Green (16%)
- Blue (60%)



- Red (50%)
- Yellow (16%)
- Blue (60%)



- Cyan (16%)
- Magenta (73%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802A99 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 802A99 by changing the saturation by 10% instead.

 802A99

 802A99

FFFFFF

 65077F

 B860D0

 4A0065

 D57AED

 30004C

 F295FF

 170035

 FFB1FF

 00021F

 FFCDFE

 000001

 FFEAFF

 000000

 802A99

 802A99

 7D1B99

 833999

790B99

874999

770099

8A5899

8E6799

917699

958699

989599

9CA499

9FB499

Harmonies

Analogous

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



004CBB



802A99



A70066

Triad

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



802A99



744A00



006978

Complementary

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



802A99



43992A

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.



00673F



802A99



425B00

Square

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



802A99



992C00



006400



0067A7

Rectangle

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



802A99



AE0042



006400



006865

Sweetspot

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



802A99



BD9BC7



2A4499



5E4A63



E3E3E3



636363

Same Dimension

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



802A99



A01AC7



992A7B



4B454D



6D008C



0A000D

Inverse Universe

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



992A43



C71A41



2A9948



4D4547



8C0020



0D0003

Previews

White Background



This preview shows how the Hex color 802A99 looks on a white background.

Color Contrast Check

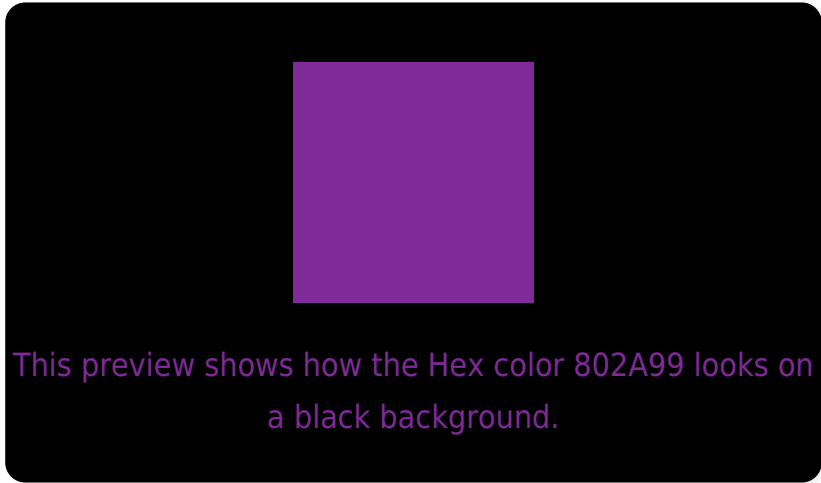
Large Text (above 18pt) WCAG AA ✓ Pass

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

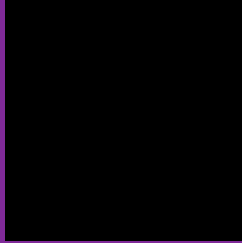
Any Text WCAG AA × Fail

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 802A99 Background



This preview shows how black text looks on a background with the Hex color 802A99.

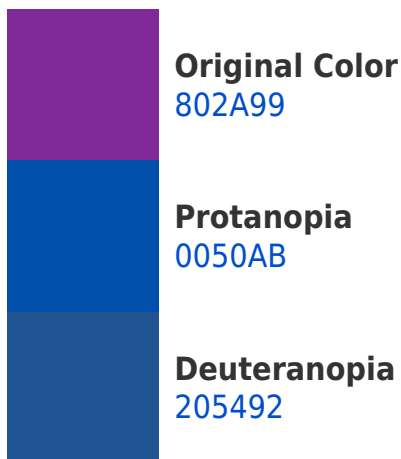



This preview shows how white text looks on a background with the Hex color 802A99.

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](#).

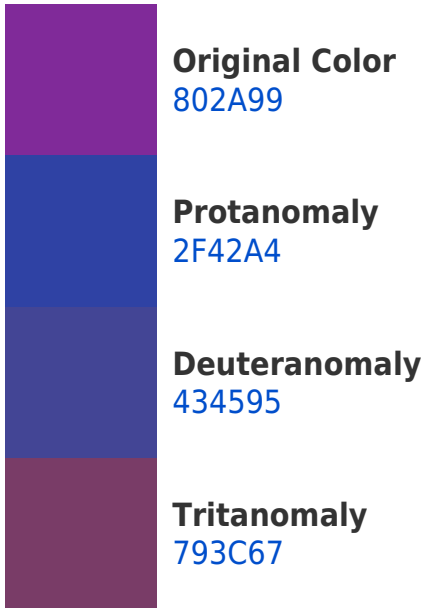
Dichromacy



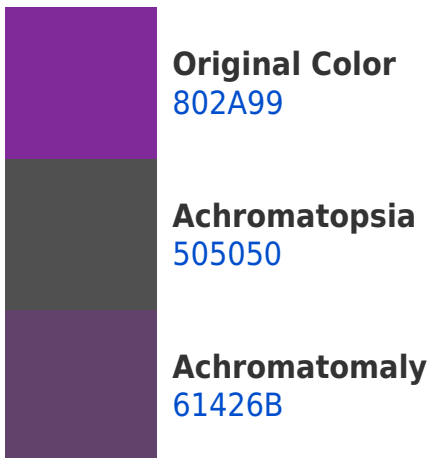


Tritanopia
75464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 802A99 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 #802A99 looks like.

```
.text, #text, p{  
    color:#802A99  
}
```

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 #802A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802A99
}
```

Border

The CSS property to change the border of an element to Hex 802A99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

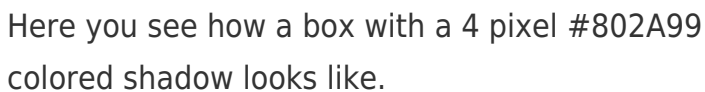
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802A99 }
```

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

```
.border{ border-color:#802A99 }
```

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



Here you see how a box with a 4 pixel #802A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802A99; -webkit-box-shadow:4px 4px  
4px 4px #802A99; box-shadow:4px 4px 4px  
4px #802A99 }
```

Background

The CSS property to change the background color of an element to Hex 802A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802A99 }
```

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

```
.background{ background-color:#802A99 }
```

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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