

Converting Colors

Hex(802AA2)

Have a look what the booklet for
Hex(802AA2) contains.

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Color

Hex(802AA2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 802AA2 |
| RGB | 128, 42, 162 |
| RGB Percent | 50%, 16%, 64% |
| CMY | 0.4980, 0.8353, 0.3647 |
| CMYK | 0.21, 0.74, 0.00, 0.36 |
| HSL | 283°, 59%, 40% |
| HSV | 283°, 74%, 64% |
| XYZ | 16.2516, 8.8538, 35.0348 |
| YIQ | 81.3940, 12.7360, 55.5520 |

Conversions

Conversions Part 2

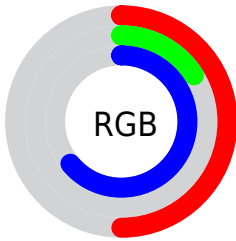
| Format | Color |
|-------------------------------------|--|
| RYB | 128, 42, 162 |
| Decimal | 8399522 |
| CIELab | 35.70, 54.67, -47.91 |
| CIElCh | 36, 72.690, 318.769 |
| Yxy | 8.8538, 0.2702, 0.1472 |
| Android (android.graphics.Color) | 4286589602 (0xFF802AA2) |
| YUV | 81.3940, 39.7388, 40.8735 |
| Hunter-Lab | 29.7553, 45.4209, -48.9813 |

Details

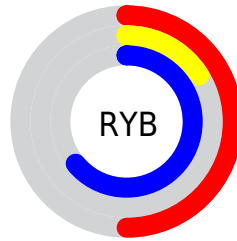
The Hex color **802AA2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4CA22A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B860DA**, and **4A006D** is the 20% darker color. If you saturate the color by 10%, you get **7B1AA2**, and if you desaturate by 10%, it is **853AA2**.

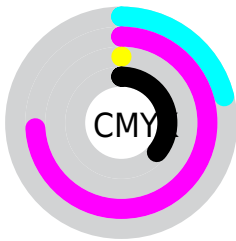
Distribution



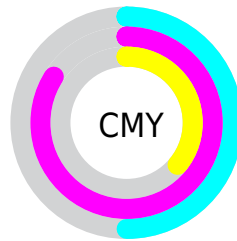
- Red (50%)
- Green (16%)
- Blue (64%)



- Red (50%)
- Yellow (16%)
- Blue (64%)



- Cyan (21%)
- Magenta (74%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802AA2 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 802AA2 by changing the saturation by 10% instead.

 802AA2

 802AA2

FFFFFF

 650687

 B860DA

 4A006D

 D57BF6

 2F0054

 F296FF

 14003C

 FF82FF

 000225

 FFCEFF

 00010E

 FFE8FF

 000000

 802AA2

 802AA2

 7B1AA2

 853AA2

770AA2

894AA2

7400A2

8E5BA2

926BA2

977BA2

9C8BA2

A09BA2

A5ACA2

A9BCA2

Harmonies

Analogous

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



004FC5



802AA2



AD006C

Triad

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



802AA2



794A00



006B78

Complementary

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



802AA2



4CA22A

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.



006A3B



802AA2



455C00

Square

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



802AA2



A02700



006500



006AAC

Rectangle

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



802AA2



B50046



006500



006B64

Sweetspot

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



802AA2



C6A5D4



2A4CA2



634F6B



EBEBEB



6B6B6B

Same Dimension

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



802AA2



9E17D4



A22A88



4F4952



680091



0D0012

Inverse Universe

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



A22A4C



D4174D



2AA244



52494C



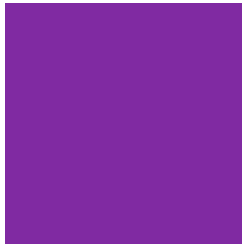
910029



120005

Previews

White Background



This preview shows how the Hex color 802AA2 looks on a white background.

Color Contrast Check

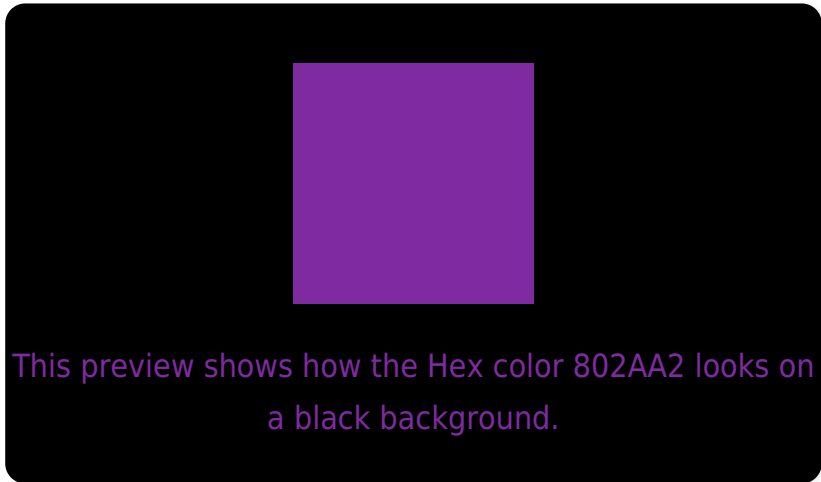
Large Text (above 18pt) WCAG AA ✓ Pass

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

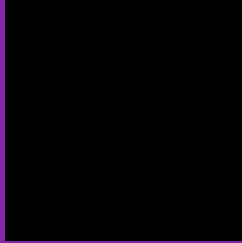
Any Text WCAG AA × Fail

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 802AA2 Background



This preview shows how black text looks on a background with the Hex color 802AA2.

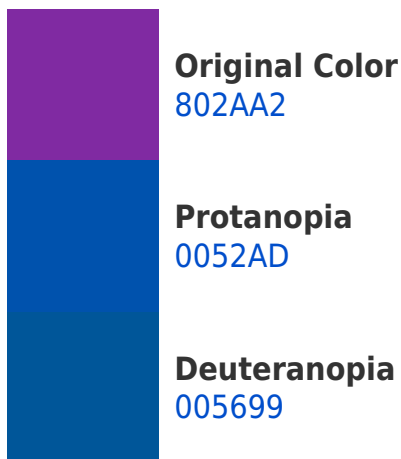


This preview shows how white text looks on a background with the Hex color 802AA2.

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](#).

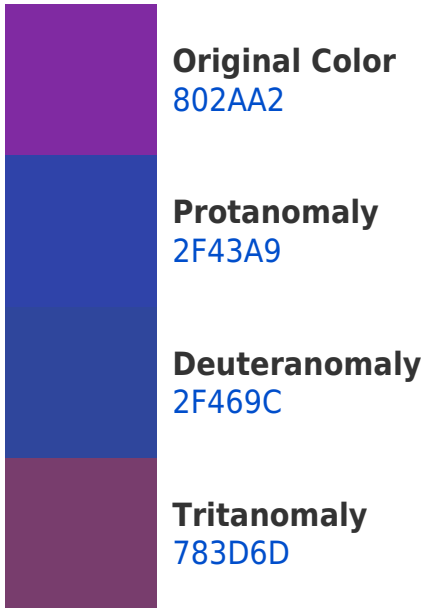
Dichromacy



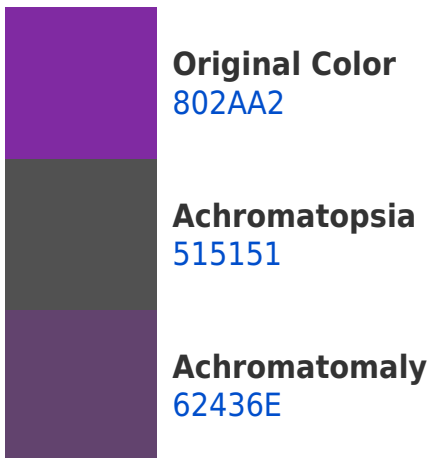


Tritanopia
73484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 802AA2 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 #802AA2 looks like.

```
.text, #text, p{  
    color:#802AA2  
}
```

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 #802AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802AA2
}
```

Border

The CSS property to change the border of an element to Hex 802AA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

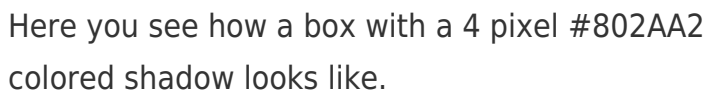
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802AA2 }
```

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

```
.border{ border-color:#802AA2 }
```

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



Here you see how a box with a 4 pixel #802AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802AA2; -webkit-box-shadow:4px 4px  
4px 4px #802AA2; box-shadow:4px 4px 4px  
4px #802AA2 }
```

Background

The CSS property to change the background color of an element to Hex 802AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802AA2 }
```

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

```
.background{ background-color:#802AA2 }
```

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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