

# Converting Colors

Hex(824A8D)

Have a look what the booklet for  
Hex(824A8D) contains.

<b>Hex(824A8D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(824A8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	824A8D
RGB	130, 74, 141
RGB Percent	51%, 29%, 55%
CMY	0.4902, 0.7098, 0.4471
CMYK	0.08, 0.48, 0.00, 0.45
HSL	290°, 31%, 42%
HSV	290°, 48%, 55%
XYZ	16.4624, 11.5665, 26.5642
YIQ	98.3820, 11.8690, 32.7090

# Conversions

## Conversions Part 2

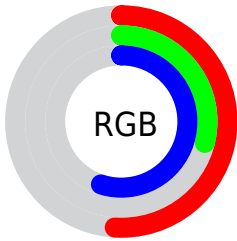
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 74, 141
Decimal	8538765
CIE <sub>Lab</sub>	40.52, 35.10, -27.52
CIE <sub>LCh</sub>	41, 44.603, 321.894
Yxy	11.5665, 0.3015, 0.2119
Android (android.graphics.Color)	4286728845 (0xFF824A8D)
YUV	98.3820, 21.0107, 27.7290
Hunter-Lab	34.0095, 26.8869, -22.5036

# Details

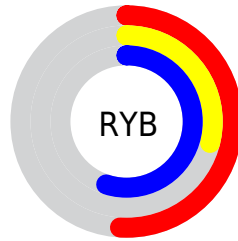
The Hex color **824A8D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **558D4A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B87CC3**, and **4F1A5A** is the 20% darker color. If you saturate the color by 10%, you get **803C8D**, and if you desaturate by 10%, it is **84588D**.

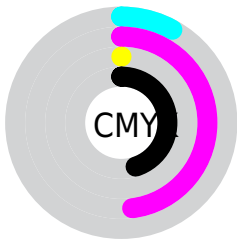
# Distribution



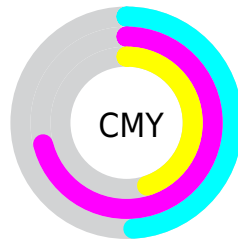
- Red (51%)
- Green (29%)
- Blue (55%)



- Red (51%)
- Yellow (29%)
- Blue (55%)



- Cyan (8%)
- Magenta (48%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (71%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 824A8D 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 824A8D by changing the saturation by 10% instead.



824A8D

824A8D

FFFFFF

683273

B87CC3

4F1A5A

D497DF

360043

F1B2FC

23002C

FFCEFF

000116

FFEAFF

000000

824A8D

824A8D

803C8D

84588D

7D2E8D

87668D

 7B208D

 89748D

 79128D

 8B828D

 76038D

 8E918D

 76008D

 909F8D

 92AD8D

 95BB8D

 97C98D

# Harmonies

## Analogous

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



4D5AA4



824A8D



9C3E6B

# Triad

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



824A8D



7B5A0F



00717A

# Complementary

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



824A8D



558D4A

# 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.



007054



824A8D



586613

# Square

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



824A8D



944C26



296D30



006E98

# Rectangle

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



824A8D



A23D52



296D30



00716D



# Sweetspot

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



824A8D



B39EB8



4A558D



594C5C



DBDBDB



5C5C5C



# Same Dimension

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



824A8D



A64FB8



8D4A77



464047



710087



060008



# Inverse Universe

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



8D4A55



B84F60



4A8D60



474041



870016

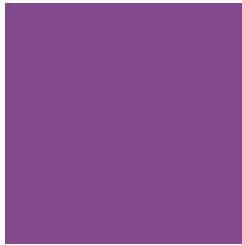


080001



# Previews

## White Background



This preview shows how the Hex color 824A8D looks on a white background.

## Color Contrast Check

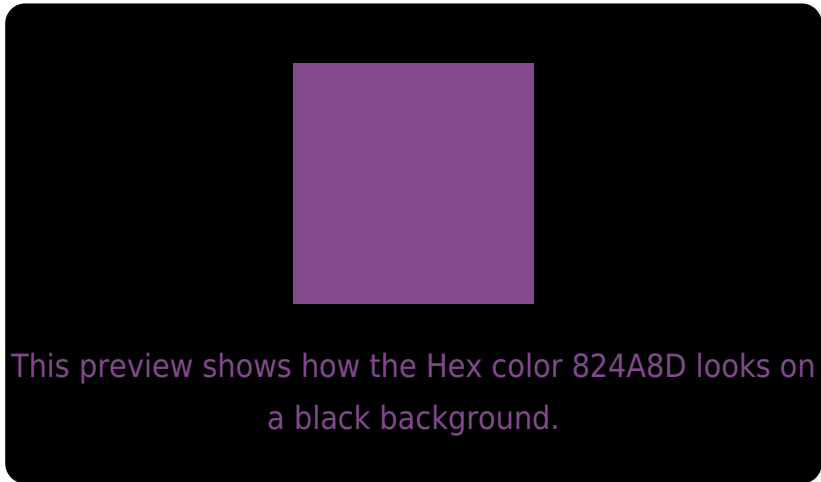
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

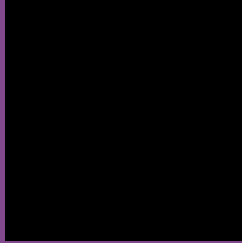
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 824A8D Background



This preview shows how black text looks on a background with the Hex color 824A8D.

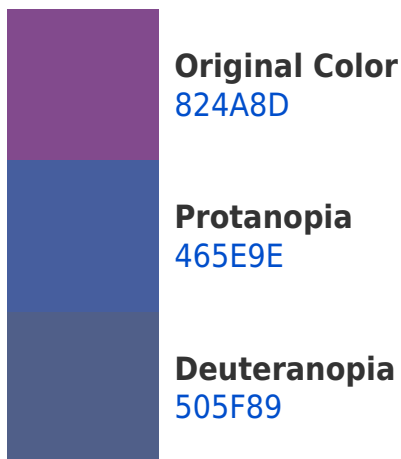


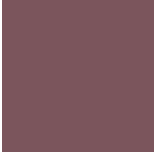
This preview shows how white text looks on a background with the Hex color 824A8D.

# 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**  
7B555C

# Trichromacy



**Original Color**  
824A8D

**Protanomaly**  
5C5798

**Deuteranomaly**  
62578A

**Tritanomaly**  
7E516E

# Monochromacy



**Original Color**  
824A8D

**Achromatopsia**  
626262

**Achromatomaly**  
6E5972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 824A8D 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 #824A8D looks like.

```
.text, #text, p{  
    color:#824A8D  
}
```

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 #824A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824A8D
}
```

## Border

The CSS property to change the border of an element to Hex 824A8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

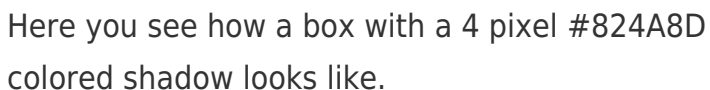
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#824A8D }
```

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

```
.border{ border-color:#824A8D }
```

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



Here you see how a box with a 4 pixel #824A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824A8D; -webkit-box-shadow:4px 4px  
4px 4px #824A8D; box-shadow:4px 4px 4px  
4px #824A8D }
```

# Background

The CSS property to change the background color of an element to Hex 824A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824A8D }
```

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

```
.background{ background-color:#824A8D }
```

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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