

# Converting Colors

Hex(824AB9)

Have a look what the booklet for  
Hex(824AB9) contains.

|                                                |    |
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# Color

**Hex(824AB9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 824AB9                     |
| RGB           | 130, 74, 185               |
| RGB Percent   | 51%, 29%, 73%              |
| CMY           | 0.4902, 0.7098, 0.2745     |
| CMYK          | 0.30, 0.60, 0.00, 0.27     |
| HSL           | 270°, 44%, 51%             |
| HSV           | 270°, 60%, 73%             |
| XYZ           | 20.4117, 13.1462, 47.3606  |
| YIQ           | 103.3980, -2.2550, 46.3930 |

# Conversions

## Conversions Part 2

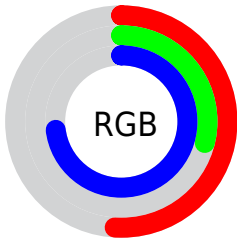
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 130, 74, 185                  |
| Decimal                             | 8538809                       |
| CIE <sub>Lab</sub>                  | 42.98, 45.19, -49.84          |
| CIE <sub>LCh</sub>                  | 43, 67.275, 312.195           |
| Yxy                                 | 13.1462, 0.2522,<br>0.1625    |
| Android<br>(android.graphics.Color) | 4286728889<br>(0xFF824AB9)    |
| YUV                                 | 103.3980, 40.2298,<br>23.3300 |
| Hunter-Lab                          | 36.2576, 37.0377,<br>-52.0656 |

# Details

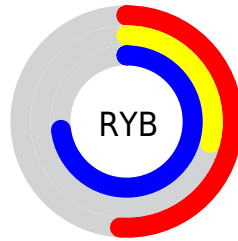
The Hex color **824AB9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **81B94A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **BA7DF2**, and **4C1783** is the 20% darker color. If you saturate the color by 10%, you get **7938B9**, and if you desaturate by 10%, it is **8B5DB9**.

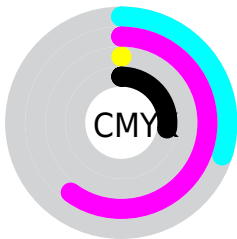
# Distribution



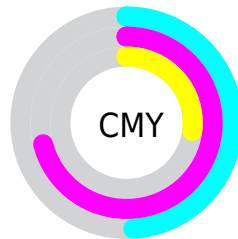
- Red (51%)
- Green (29%)
- Blue (73%)



- Red (51%)
- Yellow (29%)
- Blue (73%)



- Cyan (30%)
- Magenta (60%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (71%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 824AB9 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 824AB9 by changing the saturation by 10% instead.



824AB9

824AB9

FFFFFF

67319E

BA7DF2

4C1783

D798FF

300069

F4B3FF

140050

FFCFFF

000039

FFECFF

000222

000008

000000

824AB9

824AB9

7938B9

8B5DB9

7025B9

946FB9

6712B9

9E82B9

5D00B9

A794B9

B0A7B9

B9B9B9

C2CCB9

CBDEB9

D5F1B9

# Harmonies

## Analogous

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



0065D4



824AB9



B62689

# Triad

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



824AB9



965600



007D7C

# Complementary

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



824AB9



81B94A

# 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.



007B41



824AB9



676A00

# Square

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



824AB9



B8391B



1F7600



007CB0

# Rectangle

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



824AB9



C41564



1F7600



007D68



# Sweetspot

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



824AB9



DAC5F0



4A82B9



6B5D78



F7F7F7



787878



# Same Dimension

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



824AB9



9A43F0



B94AB9



57535C



4E009C



0E001C



# Inverse Universe

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



B94A81



F04399



4AB94A



5C5357



9C004D



1C000E



# Previews

## White Background



This preview shows how the Hex color 824AB9 looks on a white background.

## Color Contrast Check

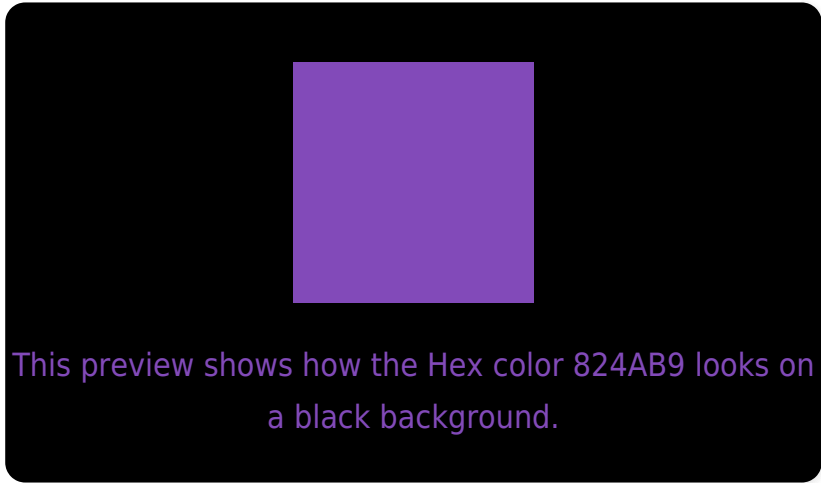
Large Text (above 18pt) WCAG AA ✓ Pass

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

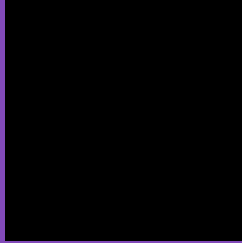
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 824AB9 Background



This preview shows how black text looks on a background with the Hex color 824AB9.

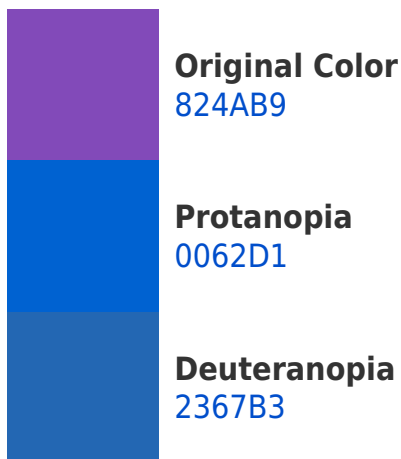


This preview shows how white text looks on a background with the Hex color 824AB9.

# 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**  
736168

# Trichromacy



**Original Color**  
824AB9



**Protanomaly**  
2F59C8



**Deuteranomaly**  
465CB5



**Tritanomaly**  
785985

# Monochromacy



**Original Color**  
824AB9



**Achromatopsia**  
676767



**Achromatomaly**  
715C85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 824AB9 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 #824AB9 looks like.

```
.text, #text, p{  
    color:#824AB9  
}
```

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 #824AB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824AB9
}
```

## Border

The CSS property to change the border of an element to Hex 824AB9 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
#824AB9 }
```

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

```
.border{ border-color:#824AB9 }
```

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

Here you see how a box with a 4 pixel #824AB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824AB9; -webkit-box-shadow:4px 4px  
4px 4px #824AB9; box-shadow:4px 4px 4px  
4px #824AB9 }
```

# Background

The CSS property to change the background color of an element to Hex 824AB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824AB9 }
```

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

```
.background{ background-color:#824AB9 }
```

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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