

# Converting Colors

Hex(8B4B9C)

Have a look what the booklet for  
Hex(8B4B9C) contains.

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# Color

**Hex(8B4B9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B4B9C
RGB	139, 75, 156
RGB Percent	55%, 29%, 61%
CMY	0.4549, 0.7059, 0.3882
CMYK	0.11, 0.52, 0.00, 0.39
HSL	287°, 35%, 45%
HSV	287°, 52%, 61%
XYZ	19.1643, 12.9214, 32.9365
YIQ	103.3700, 12.1430, 38.7590

# Conversions

## Conversions Part 2

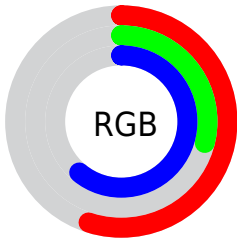
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 75, 156
Decimal	9128860
CIE <sub>Lab</sub>	42.64, 40.42, -33.15
CIE <sub>LCh</sub>	43, 52.269, 320.644
Yxy	12.9214, 0.2947, 0.1987
Android (android.graphics.Color)	4287318940 (0xFF8B4B9C)
YUV	103.3700, 25.9466, 31.2475
Hunter-Lab	35.9464, 32.2585, -29.1630

# Details

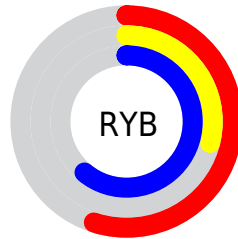
The Hex color **8B4B9C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5C9C4B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C27ED3**, and **571968** is the 20% darker color. If you saturate the color by 10%, you get **883B9C**, and if you desaturate by 10%, it is **8E5B9C**.

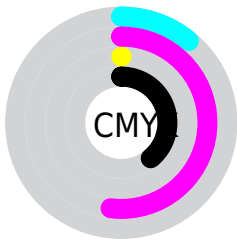
# Distribution



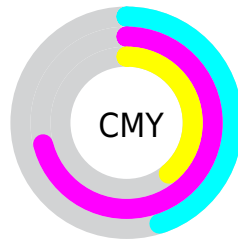
- Red (55%)
- Green (29%)
- Blue (61%)



- Red (55%)
- Yellow (29%)
- Blue (61%)



- Cyan (11%)
- Magenta (52%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (71%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4B9C 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 8B4B9C by changing the saturation by 10% instead.



 8B4B9C

 8B4B9C

FFFFFF

 703282

 C27ED3

 571968

 DF99EF

 3D0050

 FCB4FF

 270038

 FFD0FF

 000022

 FFEDFF

 000008

 000000

 8B4B9C

 8B4B9C

 883B9C

 8E5B9C

842C9C

926A9C

811C9C

957A9C

7E0D9C

98899C

7B009C

9B999C

9FA99C

A2B89C

A5C89C

A8D79C

# Harmonies

## Analogous

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



475FB6



8B4B9C



AB3A74

# Triad

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



8B4B9C



845E00



007982

# Complementary

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



8B4B9C



5C9C4B

# 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.



007855



8B4B9C



5D6B00

# Square

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



8B4B9C



A24C22



22742A



0076A7

# Rectangle

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



8B4B9C



B23857



22742A



007973



# Sweetspot

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



8B4B9C



C5ABCC



4B5D9C



625366



E6E6E6



666666



# Same Dimension

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



8B4B9C



B14ECC



9C4B85



4D474F



71008F



0C000F



# Inverse Universe

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



9C4B5C



CC4E68



4B9C62



4F4749



8F001E

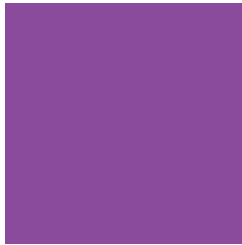


0F0003



# Previews

## White Background



This preview shows how the Hex color 8B4B9C looks on a white background.

## Color Contrast Check

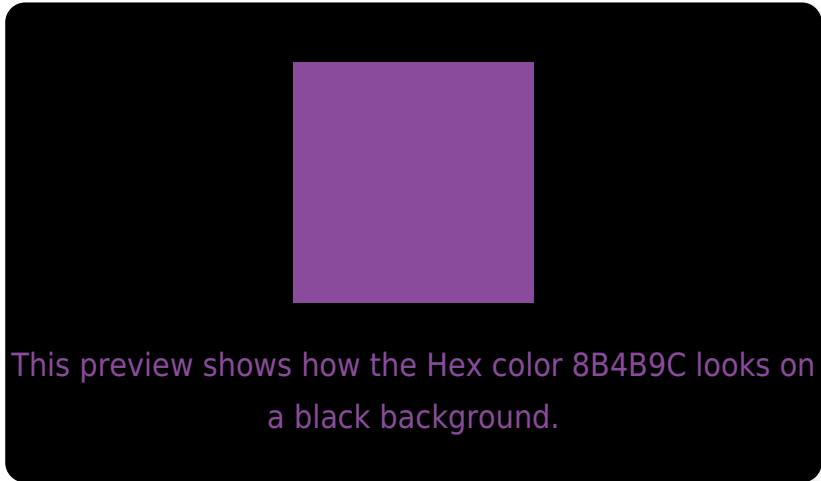
Large Text (above 18pt) WCAG AA ✓ Pass

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

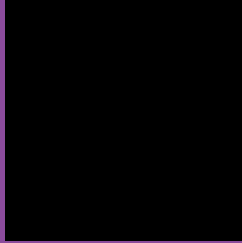
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B4B9C Background



This preview shows how black text looks on a background with the Hex color 8B4B9C.

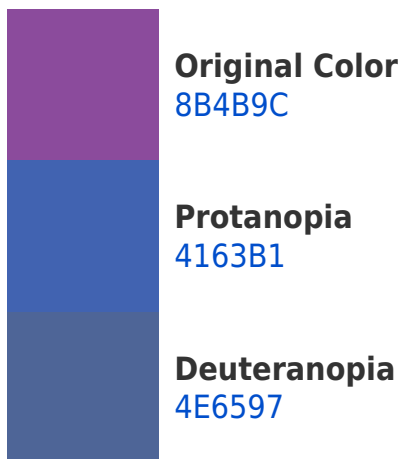



This preview shows how white text looks on a background with the Hex color 8B4B9C.

# 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**  
835A61

# Trichromacy



**Original Color**  
8B4B9C

**Protanomaly**  
5C5AA9

**Deuteranomaly**  
645C99

**Tritanomaly**  
865576

# Monochromacy



**Original Color**  
8B4B9C

**Achromatopsia**  
676767

**Achromatomaly**  
745D7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4B9C 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 #8B4B9C looks like.

```
.text, #text, p{  
    color:#8B4B9C  
}
```

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 #8B4B9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4B9C
}
```

## Border

The CSS property to change the border of an element to Hex 8B4B9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

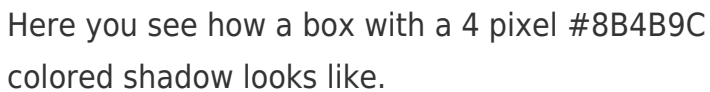
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4B9C }
```

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

```
.border{ border-color:#8B4B9C }
```

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



Here you see how a box with a 4 pixel #8B4B9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4B9C; -webkit-box-shadow:4px 4px  
4px 4px #8B4B9C; box-shadow:4px 4px 4px  
4px #8B4B9C }
```

# Background

The CSS property to change the background color of an element to Hex 8B4B9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4B9C }
```

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

```
.background{ background-color:#8B4B9C }
```

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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