

# Converting Colors

Hex(8B259B)

Have a look what the booklet for  
Hex(8B259B) contains.

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# Color

**Hex(8B259B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B259B
RGB	139, 37, 155
RGB Percent	55%, 15%, 61%
CMY	0.4549, 0.8549, 0.3922
CMYK	0.10, 0.76, 0.00, 0.39
HSL	292°, 61%, 38%
HSV	292°, 76%, 61%
XYZ	17.2254, 9.1787, 31.8741
YIQ	80.9500, 22.9140, 58.3220

# Conversions

## Conversions Part 2

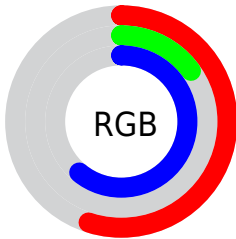
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 37, 155
Decimal	9119131
CIE <sub>Lab</sub>	36.33, 57.41, -42.58
CIE <sub>LCh</sub>	36, 71.477, 323.436
Yxy	9.1787, 0.2956, 0.1575
Android (android.graphics.Color)	4287309211 (0xFF8B259B)
YUV	80.9500, 36.5067, 50.9098
Hunter-Lab	30.2963, 48.4703, -41.1704

# Details

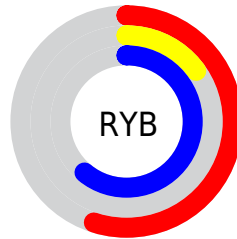
The Hex color **8B259B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **359B25**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **C45DD2**, and **550067** is the 20% darker color. If you saturate the color by 10%, you get **89169B**, and if you desaturate by 10%, it is **8D359B**.

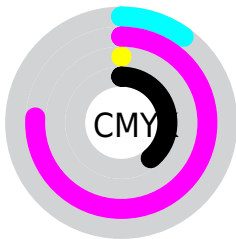
# Distribution



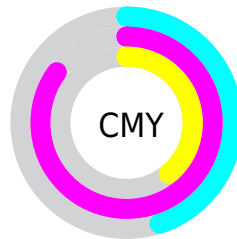
- Red (55%)
- Green (15%)
- Blue (61%)



- Red (55%)
- Yellow (15%)
- Blue (61%)



- Cyan (10%)
- Magenta (76%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (85%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B259B 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 8B259B by changing the saturation by 10% instead.



 8B259B

 8B259B

FFFFFF

 700081

 C45DD2

 550067

 E179EF

 3A004E

 FE94FF

 220037

 FFB0FF

 000220

 FFCDFE

 000004

 FFEAFF

 000000

 8B259B

 8B259B

 89169B

 8D359B

87069B

8F449B

86009B

91549B

93639B

96739B

98829B

9A929B

9CA19B

9EB09B

# Harmonies

## Analogous

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



124CC1



8B259B



B00065

# Triad

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



8B259B



744F00



006D82

# Complementary

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



8B259B



359B25

# 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.



006B47



8B259B



3E6000

# Square

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



8B259B



9C3100



006800



006AB2

# Rectangle

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



8B259B



B5003F



006800



006C6F



# Sweetspot

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



8B259B



C39BC9



25379B



624966



E6E6E6



666666



# Same Dimension

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



8B259B



B112C9



9B2572



4B454D



79008C



0B000D



# Inverse Universe

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



9B2535



C9122B



259B4E



4D4546



8C0013



0D0002



# Previews

## White Background



This preview shows how the Hex color 8B259B looks on a white background.

## Color Contrast Check

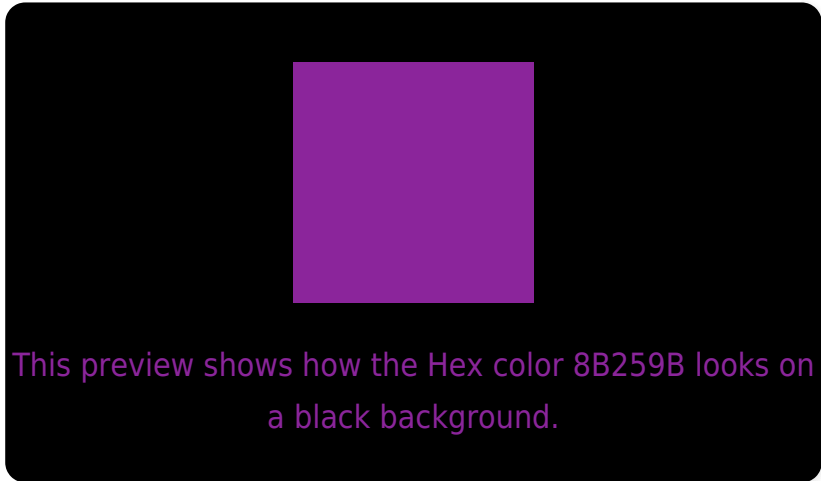
Large Text (above 18pt) WCAG AA ✓ Pass

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

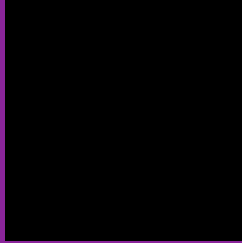
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B259B Background



This preview shows how black text looks on a background with the Hex color 8B259B.

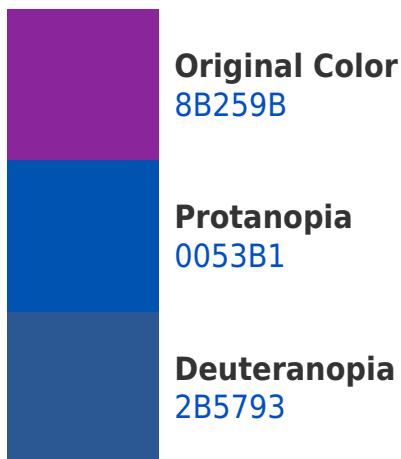


This preview shows how white text looks on a background with the Hex color 8B259B.

# 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**  
814449

# Trichromacy



**Original Color**  
8B259B



**Protanomaly**  
3342A9



**Deuteranomaly**  
4E4596



**Tritanomaly**  
853967

# Monochromacy



**Original Color**  
8B259B



**Achromatopsia**  
515151



**Achromatomaly**  
66416C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B259B 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 #8B259B looks like.

```
.text, #text, p{  
    color:#8B259B  
}
```

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 #8B259B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B259B
}
```

## Border

The CSS property to change the border of an element to Hex 8B259B 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
#8B259B }
```

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

```
.border{ border-color:#8B259B }
```

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

Here you see how a box with a 4 pixel #8B259B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B259B; -webkit-box-shadow:4px 4px  
4px 4px #8B259B; box-shadow:4px 4px 4px  
4px #8B259B }
```

# Background

The CSS property to change the background color of an element to Hex 8B259B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B259B }
```

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

```
.background{ background-color:#8B259B }
```

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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