

Converting Colors

Hex(8B159C)

Have a look what the booklet for
Hex(8B159C) contains.

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Color

Hex(8B159C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8B159C |
| RGB | 139, 21, 156 |
| RGB Percent | 55%, 8%, 61% |
| CMY | 0.4549, 0.9176, 0.3882 |
| CMYK | 0.11, 0.87, 0.00, 0.39 |
| HSL | 292°, 76%, 35% |
| HSV | 292°, 87%, 61% |
| XYZ | 16.9164, 8.4256, 32.1872 |
| YIQ | 71.6720, 26.9930, 67.0010 |

Conversions

Conversions Part 2

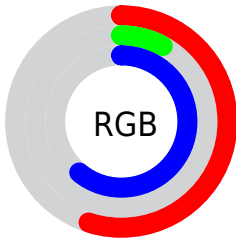
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 139, 21, 156 |
| Decimal | 9115036 |
| CIE _{Lab} | 34.85, 62.05, -45.55 |
| CIE _{LCh} | 35, 76.977, 323.718 |
| Yxy | 8.4256, 0.2940, 0.1465 |
| Android (android.graphics.Color) | 4287305116 (0xFF8B159C) |
| YUV | 71.6720, 41.5737, 59.0467 |
| Hunter-Lab | 29.0269, 53.2297, -45.4264 |

Details

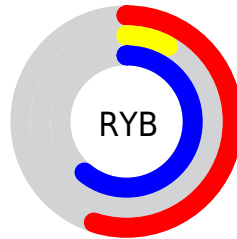
The Hex color **8B159C** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **269C15**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C454D3**, and **540068** is the 20% darker color. If you saturate the color by 10%, you get **89059C**, and if you desaturate by 10%, it is **8D259C**.

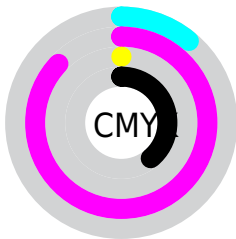
Distribution



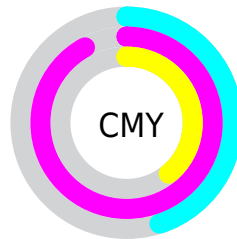
- Red (55%)
- Green (8%)
- Blue (61%)



- Red (55%)
- Yellow (8%)
- Blue (61%)



- Cyan (11%)
- Magenta (87%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (92%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B159C 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 8B159C by changing the saturation by 10% instead.



8B159C



8B159C

FFFFFF



6F0081



C454D3



540068



E170F0



39004F



FF8BFF



1F0037



FFA8FF



000221



FFC4FF



000005



FFE1FF



000000



8B159C



8B159C



89059C



8D259C

88009C

8F349C

91449C

93539C

95639C

97739C

99829C

9B929C

9DA19C

Harmonies

Analogous

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



0048C5



8B159C



B20062

Triad

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



8B159C



704B00



006A82

Complementary

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



8B159C



269C15

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.



006843



8B159C



345D00

Square

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



8B159C



9B2800



006500



0068B6

Rectangle

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



8B159C



B7003A



006500



00696E

Sweetspot

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



8B159C



C597CC



15279C



624666



E6E6E6



666666

Same Dimension

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



8B159C



B200CC



9C156A



4E474F



7D008F



0D000F

Inverse Universe

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



9C1526



CC001A



159C47



4F4748



8F0012



0F0002

Previews

White Background



This preview shows how the Hex color 8B159C looks on a white background.

Color Contrast Check

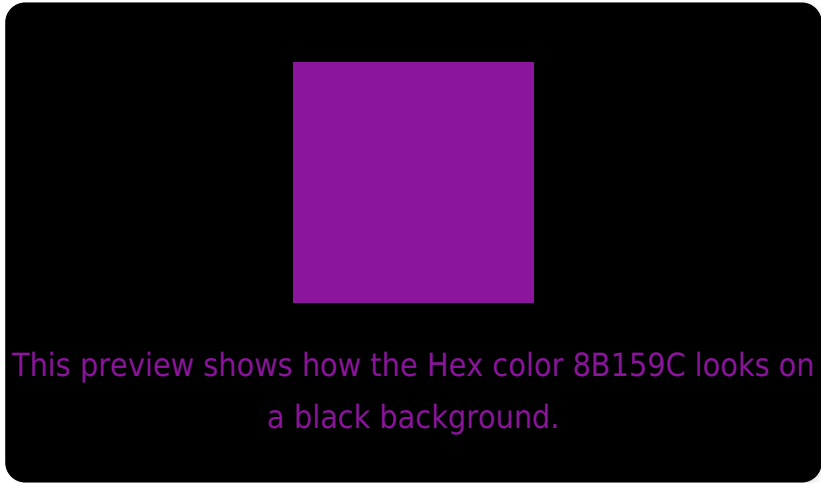
Large Text (above 18pt) WCAG AA ✓ Pass

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

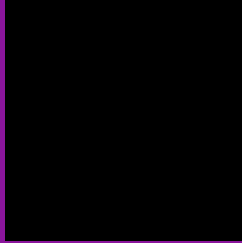
Any Text WCAG AA × Fail

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 8B159C Background



This preview shows how black text looks on a background with the Hex color 8B159C.

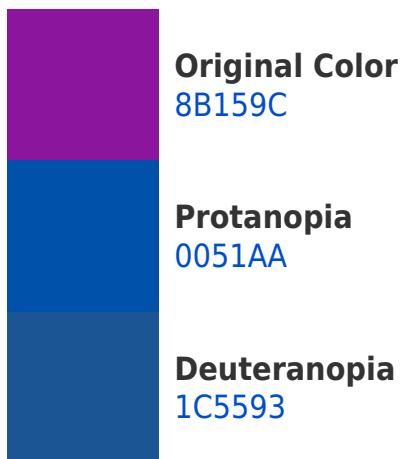


This preview shows how white text looks on a background with the Hex color 8B159C.

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
803F44

Trichromacy



Original Color
8B159C



Protanomaly
333BA5



Deuteranomaly
443E96



Tritanomaly
843064

Monochromacy



Original Color
8B159C



Achromatopsia
484848



Achromatomaly
603567

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B159C 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 #8B159C looks like.

```
.text, #text, p{  
    color:#8B159C  
}
```

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 #8B159C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B159C
}
```

Border

The CSS property to change the border of an element to Hex 8B159C is called "border". The border property can be set on classes, ids or directly on the HTML element.

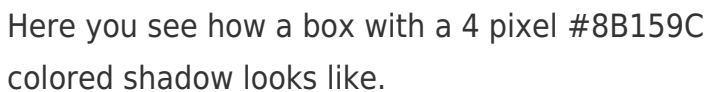
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B159C }
```

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

```
.border{ border-color:#8B159C }
```

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



Here you see how a box with a 4 pixel #8B159C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B159C; -webkit-box-shadow:4px 4px  
4px 4px #8B159C; box-shadow:4px 4px 4px  
4px #8B159C }
```

Background

The CSS property to change the background color of an element to Hex 8B159C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B159C }
```

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

```
.background{ background-color:#8B159C }
```

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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