

# Converting Colors

Hex(8B13A9)

Have a look what the booklet for  
Hex(8B13A9) contains.

<b>Hex(8B13A9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8B13A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B13A9
RGB	139, 19, 169
RGB Percent	55%, 7%, 66%
CMY	0.4549, 0.9255, 0.3373
CMYK	0.18, 0.89, 0.00, 0.34
HSL	288°, 80%, 37%
HSV	288°, 89%, 66%
XYZ	18.0418, 8.8193, 38.2875
YIQ	71.9800, 23.3700, 72.0900

# Conversions

## Conversions Part 2

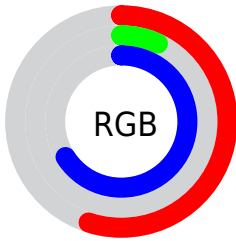
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 19, 169
Decimal	9114537
CIE <sub>Lab</sub>	35.63, 64.79, -52.14
CIE <sub>LCh</sub>	36, 83.168, 321.175
Yxy	8.8193, 0.2769, 0.1354
Android (android.graphics.Color)	4287304617 (0xFF8B13A9)
YUV	71.9800, 47.8309, 58.7765
Hunter-Lab	29.6973, 56.4725, -55.6521

# Details

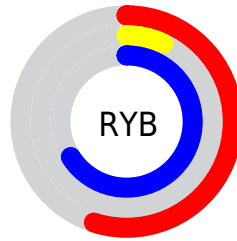
The Hex color **8B13A9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **31A913**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C454E1**, and **530074** is the 20% darker color. If you saturate the color by 10%, you get **8802A9**, and if you desaturate by 10%, it is **8E24A9**.

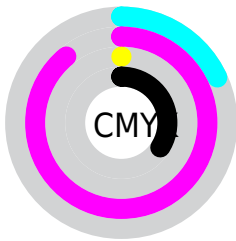
# Distribution



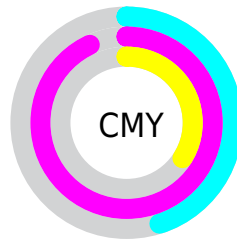
- Red (55%)
- Green (7%)
- Blue (66%)



- Red (55%)
- Yellow (7%)
- Blue (66%)



- Cyan (18%)
- Magenta (89%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (93%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B13A9 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 8B13A9 by changing the saturation by 10% instead.



 8B13A9

 8B13A9

FFFFFF

 6F008E

 C454E1

 530074

 E270FE

 38005A

 FF8CFF

 1C0042

 FFA8FF

 00012B

 FFC5FF

 000115

 FFE2FF

 000000

 8B13A9

 8B13A9

 8802A9

 8E24A9

8700A9

9235A9

9546A9

9957A9

9C67A9

9F78A9

A389A9

A69AA9

A9ABA9

# Harmonies

## Analogous

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



004CD3



8B13A9



BA006B

# Triad

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



8B13A9



774B00



006D83

# Complementary

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



8B13A9



31A913

# 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.



006B3D



8B13A9



395E00

# Square

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



8B13A9



A51E00



006700



006CBD

# Rectangle

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



8B13A9



C1003F



006700



006C6C



# Sweetspot

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



8B13A9



CFA0DB



1331A9



674B6E



EDEDED



6E6E6E



# Same Dimension

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



8B13A9



AF00DB



A9137C



524C54



760094



100014



# Inverse Universe

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



A91331



DB002C



13A940



544C4D



94001E



140004



# Previews

## White Background



This preview shows how the Hex color 8B13A9 looks on a white background.

## Color Contrast Check

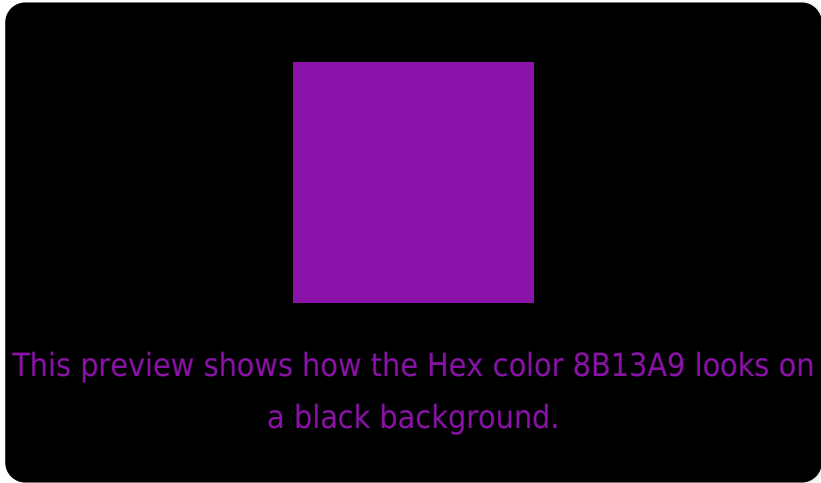
Large Text (above 18pt) WCAG AA ✓ Pass

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

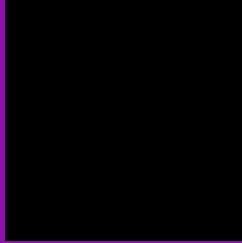
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B13A9 Background



This preview shows how black text looks on a background with the Hex color 8B13A9.



This preview shows how white text looks on a background with the Hex color 8B13A9.

# 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



**Original Color**  
8B13A9

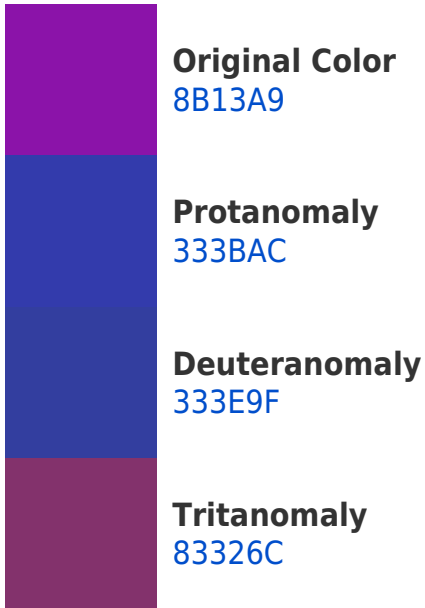
**Protanopia**  
0052AE

**Deuteranopia**  
005799

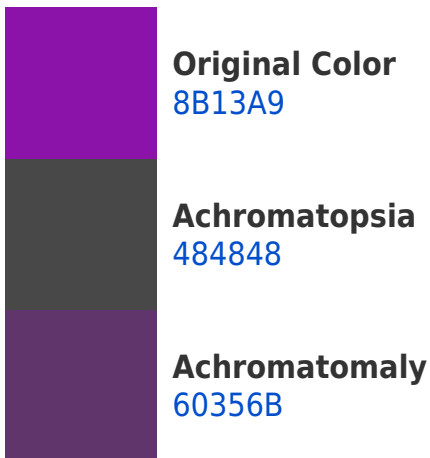


**Tritanopia**  
7E4449

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B13A9 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 #8B13A9 looks like.

```
.text, #text, p{  
    color:#8B13A9  
}
```

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 #8B13A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B13A9
}
```

## Border

The CSS property to change the border of an element to Hex 8B13A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

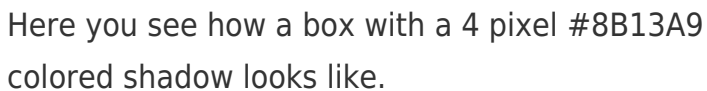
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B13A9 }
```

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

```
.border{ border-color:#8B13A9 }
```

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



Here you see how a box with a 4 pixel #8B13A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B13A9; -webkit-box-shadow:4px 4px  
4px 4px #8B13A9; box-shadow:4px 4px 4px  
4px #8B13A9 }
```

# Background

The CSS property to change the background color of an element to Hex 8B13A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B13A9 }
```

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

```
.background{ background-color:#8B13A9 }
```

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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