

Converting Colors

Hex(8B1BA3)

Have a look what the booklet for
Hex(8B1BA3) contains.

Hex(8B1BA3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B1BA3)

Conversions

Conversions Part 1

Format	Color
Hex	8B1BA3
RGB	139, 27, 163
RGB Percent	55%, 11%, 64%
CMY	0.4549, 0.8941, 0.3608
CMYK	0.15, 0.83, 0.00, 0.36
HSL	289°, 72%, 37%
HSV	289°, 83%, 64%
XYZ	17.6503, 8.9172, 35.4412
YIQ	75.9920, 23.0960, 66.0400

Conversions

Conversions Part 2

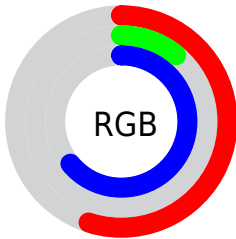
Format	Color
R_{YB}	139, 27, 163
Decimal	9116579
CIE _{Lab}	35.82, 61.88, -48.22
CIE _{LCh}	36, 78.452, 322.069
Yxy	8.9172, 0.2846, 0.1438
Android (android.graphics.Color)	4287306659 (0xFF8B1BA3)
YUV	75.9920, 42.8949, 55.2580
Hunter-Lab	29.8616, 53.2477, -49.4651

Details

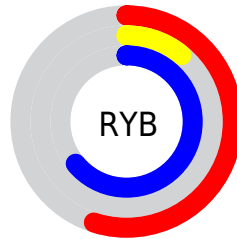
The Hex color **8B1BA3** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **33A31B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C457DB**, and **54006E** is the 20% darker color. If you saturate the color by 10%, you get **880BA3**, and if you desaturate by 10%, it is **8E2BA3**.

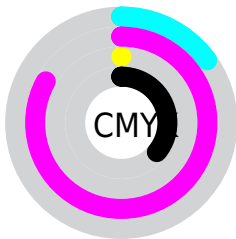
Distribution



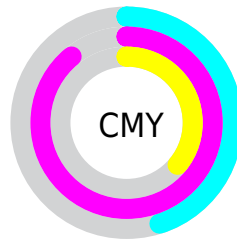
- Red (55%)
- Green (11%)
- Blue (64%)



- Red (55%)
- Yellow (11%)
- Blue (64%)



- Cyan (15%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B1BA3 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 8B1BA3 by changing the saturation by 10% instead.

8B1BA3

8B1BA3

FFFFFF

6F0088

C457DB

54006E

E173F8

390055

FF8FFF

1F003D

FFABFF

000226

FFC7FF

00010F

FFE5FF

000000

8B1BA3

8B1BA3

880BA3

8E2BA3

8600A3

913CA3

944CA3

975CA3

996CA3

9C7DA3

9F8DA3

A29DA3

A5AEA3

Harmonies

Analogous

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



004CCC



8B1BA3



B60068

Triad

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



8B1BA3



754C00



006D82

Complementary

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



8B1BA3



33A31B

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.



006B41



8B1BA3



3A5F00

Square

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



8B1BA3



A12600



006700



006BB8

Rectangle

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



8B1BA3



BC003F



006700



006C6D

Sweetspot

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



8B1BA3



CA9FD4



1B34A3



654B6B



EBEBEB



6B6B6B

Same Dimension

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



8B1BA3



AE00D4



A31B78



504952



780091



0F0012

Inverse Universe

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



A31B33



D40025



1BA346



52494B



91001A



120003

Previews

White Background



This preview shows how the Hex color 8B1BA3 looks on a white background.

Color Contrast Check

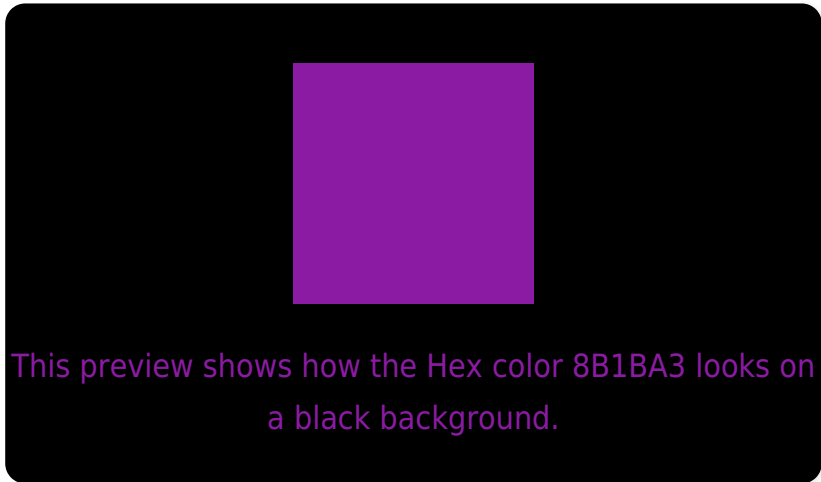
Large Text (above 18pt) WCAG AA ✓ Pass

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

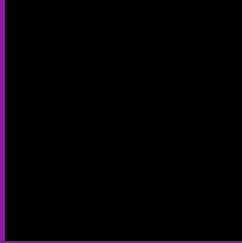
Any Text WCAG AA × Fail

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 8B1BA3 Background



This preview shows how black text looks on a background with the Hex color 8B1BA3.



This preview shows how white text looks on a background with the Hex color 8B1BA3.

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
8B1BA3

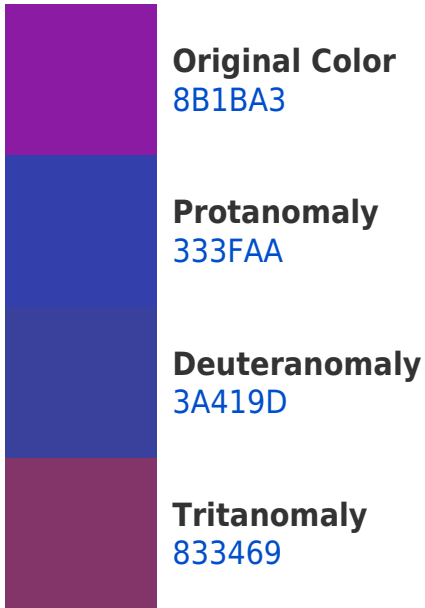
Protanopia
0053AE

Deuteranopia
00579A

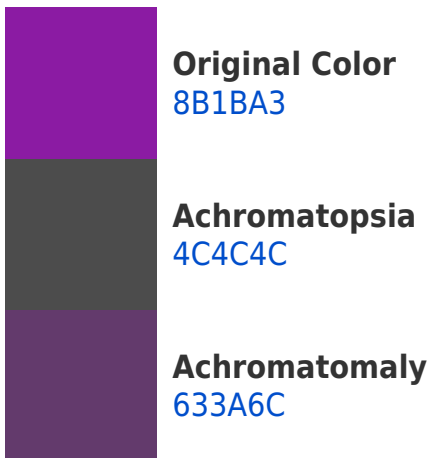


Tritanopia
7F4348

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B1BA3 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 #8B1BA3 looks like.

```
.text, #text, p{  
    color:#8B1BA3  
}
```

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 #8B1BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B1BA3
}
```

Border

The CSS property to change the border of an element to Hex 8B1BA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

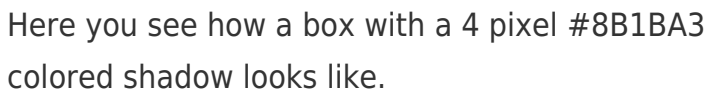
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B1BA3 }
```

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

```
.border{ border-color:#8B1BA3 }
```

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



Here you see how a box with a 4 pixel #8B1BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B1BA3; -webkit-box-shadow:4px 4px  
4px 4px #8B1BA3; box-shadow:4px 4px 4px  
4px #8B1BA3 }
```

Background

The CSS property to change the background color of an element to Hex 8B1BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B1BA3 }
```

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

```
.background{ background-color:#8B1BA3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor