

Converting Colors

Hex(8C1BA3)

Have a look what the booklet for
Hex(8C1BA3) contains.

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Color

Hex(8C1BA3)

Conversions

Conversions Part 1

Format	Color
Hex	8C1BA3
RGB	140, 27, 163
RGB Percent	55%, 11%, 64%
CMY	0.4510, 0.8941, 0.3608
CMYK	0.14, 0.83, 0.00, 0.36
HSL	290°, 72%, 37%
HSV	290°, 83%, 64%
XYZ	17.8180, 9.0037, 35.4491
YIQ	76.2910, 23.6920, 66.2520

Conversions

Conversions Part 2

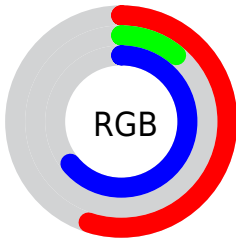
Format	Color
RYB	140, 27, 163
Decimal	9182115
CIELab	35.99, 62.06, -47.95
CIElCh	36, 78.424, 322.311
Yxy	9.0037, 0.2861, 0.1446
Android (android.graphics.Color)	4287372195 (0xFF8C1BA3)
YUV	76.2910, 42.7475, 55.8728
Hunter-Lab	30.0061, 53.4849, -49.0407

Details

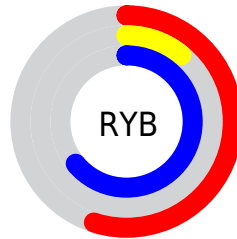
The Hex color **8C1BA3** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **32A31B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C558DB**, and **55006E** is the 20% darker color. If you saturate the color by 10%, you get **890BA3**, and if you desaturate by 10%, it is **8F2BA3**.

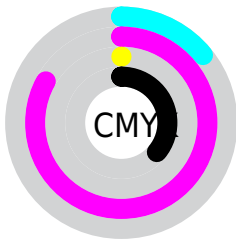
Distribution



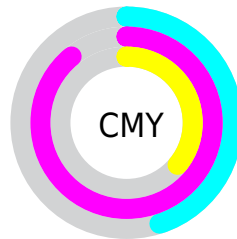
- Red (55%)
- Green (11%)
- Blue (64%)



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



- Cyan (14%)
- Magenta (83%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8C1BA3 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 8C1BA3 by changing the saturation by 10% instead.

 8C1BA3

 8C1BA3

FFFFFF

 700088

 C558DB

 55006E

 E273F8

 3A0055

 FF8FFF

 20003D

 FFABFF

 000126

 FFC8FF

 00010F

 FFE5FF

 000000

 8C1BA3

 8C1BA3

 890BA3

 8F2BA3

8700A3

923CA3

944CA3

975CA3

9A6CA3

9D7DA3

9F8DA3

A29DA3

A5AEA3

Harmonies

Analogous

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



004CCC



8C1BA3



B70068

Triad

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



8C1BA3



764D00



006D83

Complementary

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



8C1BA3



32A31B

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.



006C42



8C1BA3



3A5F00

Square

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



8C1BA3



A12700



006800



006BB9

Rectangle

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



8C1BA3



BC003E



006800



006D6E

Sweetspot

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



8C1BA3



CB9FD4



1B34A3



664B6B



EBEBEB



6B6B6B

Same Dimension

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



8C1BA3



B000D4



A31B78



504952



790091



0F0012

Inverse Universe

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



A31B32



D40024



1BA346



52494B



910019



120003

Previews

White Background



This preview shows how the Hex color 8C1BA3 looks on a white background.

Color Contrast Check

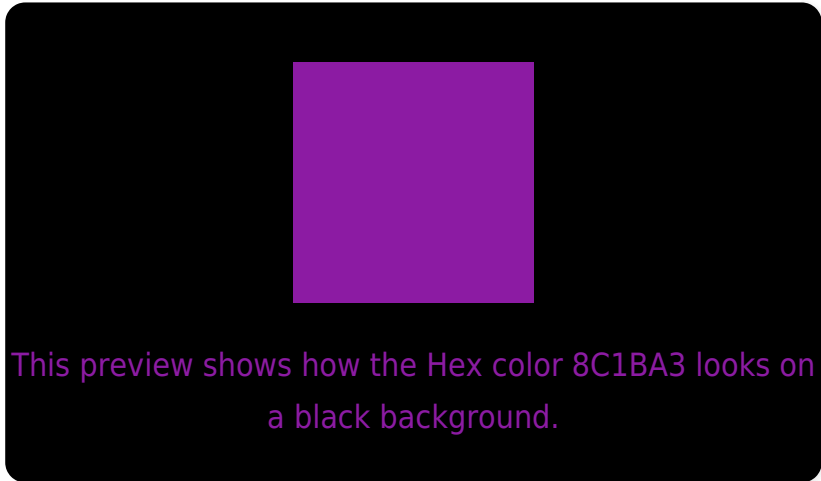
Large Text (above 18pt) WCAG AA ✓ Pass

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

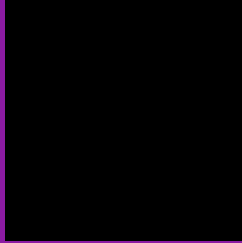
Any Text WCAG AA × Fail

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 8C1BA3 Background



This preview shows how black text looks on a background with the Hex color 8C1BA3.



This preview shows how white text looks on a background with the Hex color 8C1BA3.

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
8C1BA3

Protanopia
0053AF

Deuteranopia
11579A



Tritanopia
804348

Trichromacy



Original Color
8C1BA3



Protanomaly
333FAB



Deuteranomaly
3E419D



Tritanomaly
843469

Monochromacy



Original Color
8C1BA3



Achromatopsia
4C4C4C



Achromatomaly
633A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C1BA3 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 #8C1BA3 looks like.

```
.text, #text, p{  
    color:#8C1BA3  
}
```

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 #8C1BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C1BA3
}
```

Border

The CSS property to change the border of an element to Hex 8C1BA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

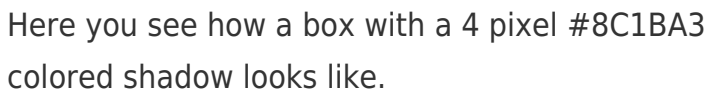
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C1BA3 }
```

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

```
.border{ border-color:#8C1BA3 }
```

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



Here you see how a box with a 4 pixel #8C1BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C1BA3; -webkit-box-shadow:4px 4px  
4px 4px #8C1BA3; box-shadow:4px 4px 4px  
4px #8C1BA3 }
```

Background

The CSS property to change the background color of an element to Hex 8C1BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C1BA3 }
```

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

```
.background{ background-color:#8C1BA3 }
```

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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