

Converting Colors

Hex(8B33A9)

Have a look what the booklet for
Hex(8B33A9) contains.

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Color

Hex(8B33A9)

Conversions

Conversions Part 1

Format	Color
Hex	8B33A9
RGB	139, 51, 169
RGB Percent	55%, 20%, 66%
CMY	0.4549, 0.8000, 0.3373
CMYK	0.18, 0.70, 0.00, 0.34
HSL	285°, 54%, 43%
HSV	285°, 70%, 66%
XYZ	18.9927, 10.7212, 38.6045
YIQ	90.7640, 14.5700, 55.3540

Conversions

Conversions Part 2

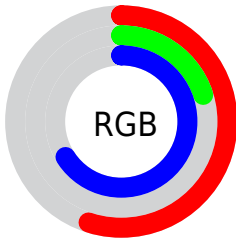
Format	Color
R _Y B	139, 51, 169
Decimal	9122729
CIE Lab	39.11, 54.79, -46.54
CIE LCh	39, 71.887, 319.651
Yxy	10.7212, 0.2780, 0.1569
Android (android.graphics.Color)	4287312809 (0xFF8B33A9)
YUV	90.7640, 38.5703, 42.3030
Hunter-Lab	32.7432, 46.2383, -46.9830

Details

The Hex color **8B33A9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **51A933**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C469E1**, and **550074** is the 20% darker color. If you saturate the color by 10%, you get **8722A9**, and if you desaturate by 10%, it is **8F44A9**.

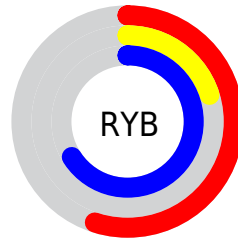
Distribution



Red (55%)

Green (20%)

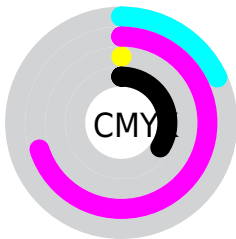
Blue (66%)



Red (55%)

Yellow (20%)

Blue (66%)

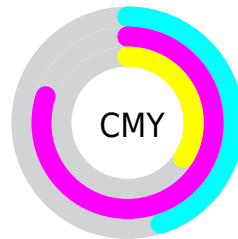


Cyan (18%)

Magenta (70%)

Yellow (0%)

Black (34%)



Cyan (45%)

Magenta (80%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B33A9 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 8B33A9 by changing the saturation by 10% instead.

 8B33A9

 8B33A9

FFFFFF

 70148E

 C469E1

 550074

 E184FE

 3A005B

 FE9FFF

 230043

 FFBBFF

 00002B

 FFD8FF

 000116

 FFF5FF

 000000

 8B33A9

 8B33A9

 8722A9

 8F44A9

8211A9

9455A9

7E00A9

9866A9

9C77A9

A087A9

A598A9

A9A9A9

ADBAA9

B2CBA9

Harmonies

Analogous

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



0056CC



8B33A9



B70073

Triad

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



8B33A9



825200



007482

Complementary

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



8B33A9



51A933

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.



007345



8B33A9



4D6500

Square

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



8B33A9



A93300



006E00



0072B5

Rectangle

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



8B33A9



BF004C



006E00



00746E

Sweetspot

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



8B33A9



D0ADDB



3352A9



67526E



EDEDED



6E6E6E

Same Dimension

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



8B33A9



AC23DB



A9338D



524C54



6E0094



0F0014

Inverse Universe

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



A93351



DB2352



33A94F



544C4E



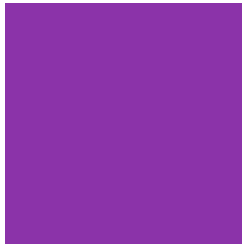
940026



140005

Previews

White Background



This preview shows how the Hex color 8B33A9 looks on a white background.

Color Contrast Check

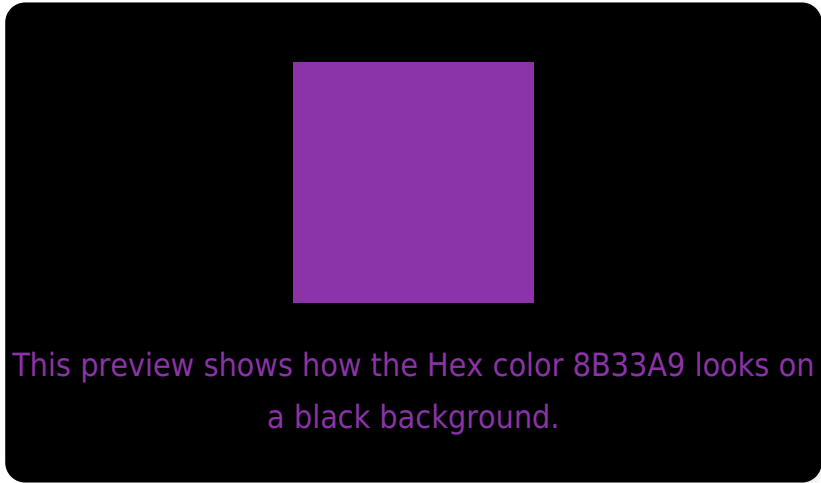
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

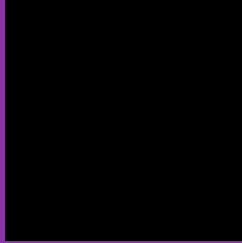
Any Text WCAG AA × Fail

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 8B33A9 Background



This preview shows how black text looks on a background with the Hex color 8B33A9.

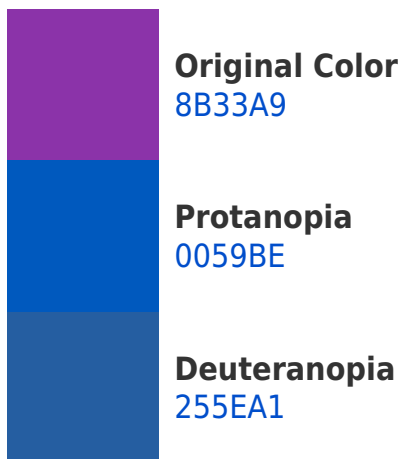


This preview shows how white text looks on a background with the Hex color 8B33A9.

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](#).

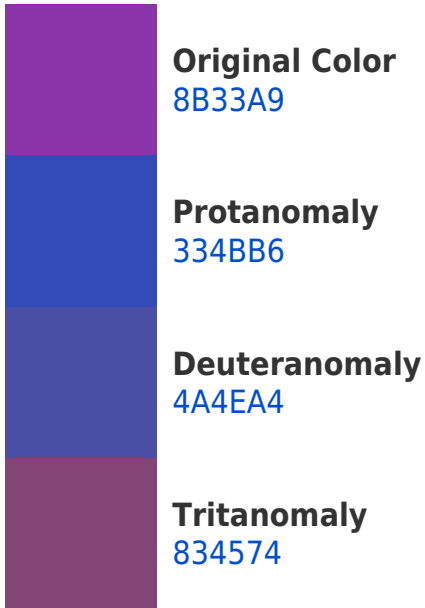
Dichromacy



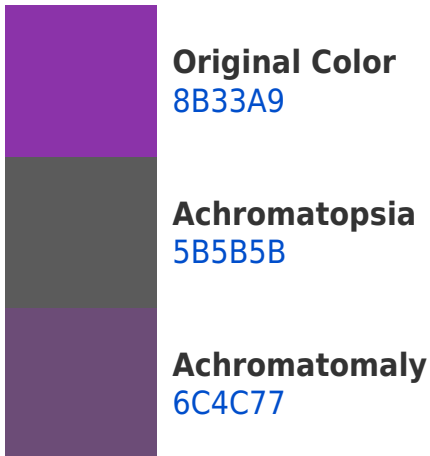


Tritanopia
7F4F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B33A9 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 #8B33A9 looks like.

```
.text, #text, p{  
    color:#8B33A9  
}
```

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 #8B33A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B33A9
}
```

Border

The CSS property to change the border of an element to Hex 8B33A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

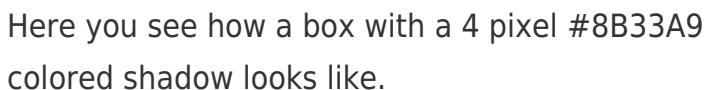
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B33A9 }
```

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

```
.border{ border-color:#8B33A9 }
```

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



Here you see how a box with a 4 pixel #8B33A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B33A9; -webkit-box-shadow:4px 4px  
4px 4px #8B33A9; box-shadow:4px 4px 4px  
4px #8B33A9 }
```

Background

The CSS property to change the background color of an element to Hex 8B33A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B33A9 }
```

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

```
.background{ background-color:#8B33A9 }
```

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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