

Converting Colors

Hex(8C33A5)

Have a look what the booklet for
Hex(8C33A5) contains.

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Color

Hex(8C33A5)

Conversions

Conversions Part 1

Format	Color
Hex	8C33A5
RGB	140, 51, 165
RGB Percent	55%, 20%, 65%
CMY	0.4510, 0.8000, 0.3529
CMYK	0.15, 0.69, 0.00, 0.35
HSL	287°, 53%, 42%
HSV	287°, 69%, 65%
XYZ	18.7906, 10.6597, 36.6645
YIQ	90.6070, 16.4500, 54.3220

Conversions

Conversions Part 2

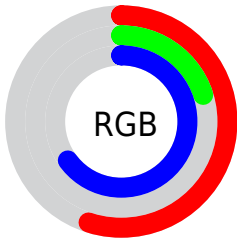
Format	Color
R _Y B	140, 51, 165
Decimal	9188261
CIE Lab	39.00, 54.20, -44.31
CIE LCh	39, 70.009, 320.732
Yxy	10.6597, 0.2842, 0.1612
Android (android.graphics.Color)	4287378341 (0xFF8C33A5)
YUV	90.6070, 36.6757, 43.3177
Hunter-Lab	32.6492, 45.5958, -43.7271

Details

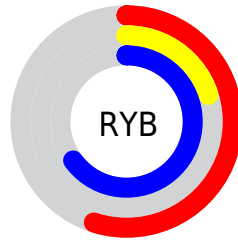
The Hex color **8C33A5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4CA533**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C469DD**, and **560070** is the 20% darker color. If you saturate the color by 10%, you get **8823A5**, and if you desaturate by 10%, it is **9043A5**.

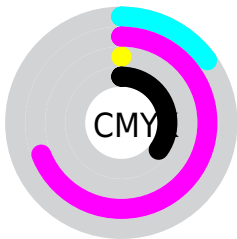
Distribution



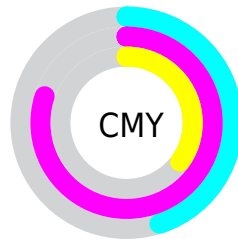
- Red (55%)
- Green (20%)
- Blue (65%)



- Red (55%)
- Yellow (20%)
- Blue (65%)



- Cyan (15%)
- Magenta (69%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8C33A5 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 8C33A5 by changing the saturation by 10% instead.

 8C33A5

 8C33A5

FFFFFF

 71148A

 C469DD

 560070

 E184F9

 3B0057

 FF9FFF

 24003F

 FFBBFF

 000028

 FFD8FF

 000112

 FFF5FF

 000000

 8C33A5

 8C33A5

 8823A5

 9043A5

■ 8512A5

■ 9354A5

■ 8101A5

■ 9765A5

■ 8100A5

■ 9A75A5

■ 9E85A5

■ A296A5

■ A5A6A5

■ A9B7A5

■ ADC7A5

Harmonies

Analogous

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



0055C8



8C33A5



B50070

Triad

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



8C33A5



7F5300



007383

Complementary

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



8C33A5



4CA533

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.



007248



8C33A5



4B6500

Square

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



8C33A5



A63500



006E00



0071B4

Rectangle

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



8C33A5



BC004A



006E00



007370

Sweetspot

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



8C33A5



CCA9D6



334EA5



65506B



EBEBEB



6B6B6B

Same Dimension

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



8C33A5



AF24D6



A53387



504952



710091



0E0012

Inverse Universe

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



A5334C



D6244B



33A551



52494B



910020



120004

Previews

White Background



This preview shows how the Hex color 8C33A5 looks on a white background.

Color Contrast Check

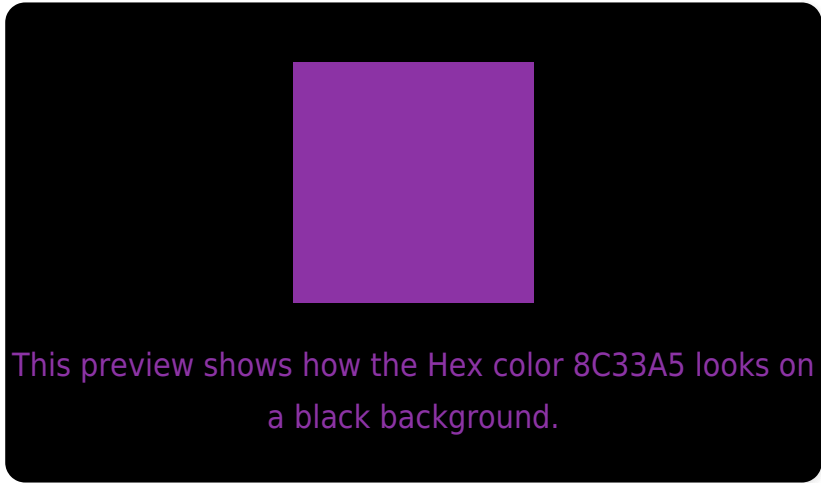
Large Text (above 18pt) WCAG AA ✓ Pass

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

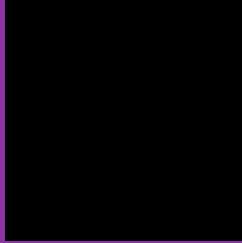
Any Text WCAG AA × Fail

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 8C33A5 Background



This preview shows how black text looks on a background with the Hex color 8C33A5.

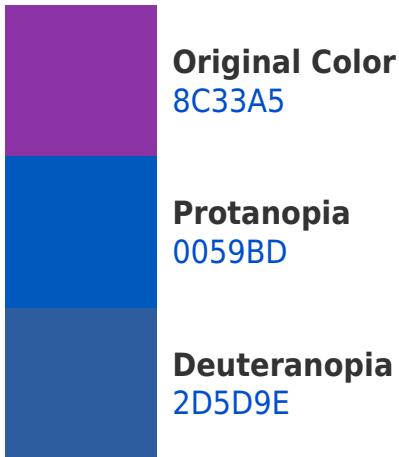


This preview shows how white text looks on a background with the Hex color 8C33A5.

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](#).

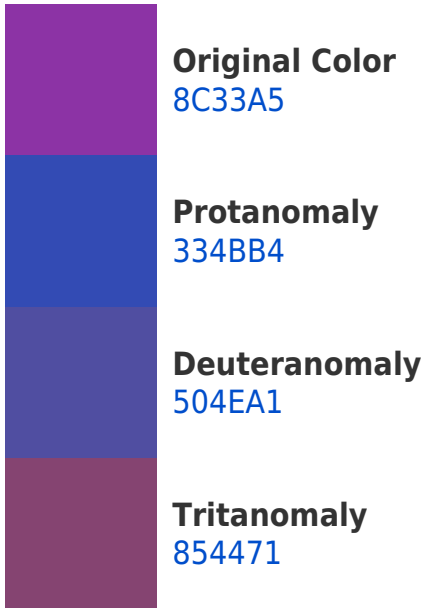
Dichromacy



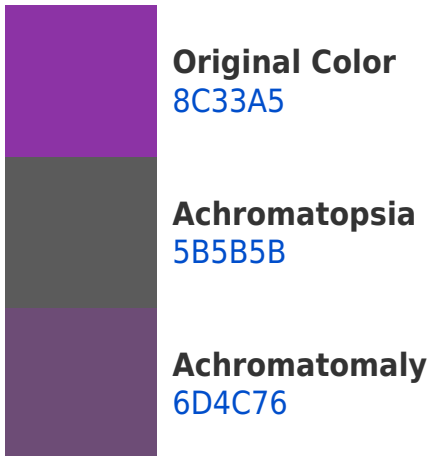


Tritanopia
814E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C33A5 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 #8C33A5 looks like.

```
.text, #text, p{  
    color:#8C33A5  
}
```

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 #8C33A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C33A5
}
```

Border

The CSS property to change the border of an element to Hex 8C33A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

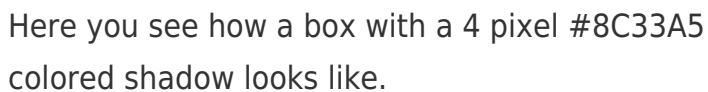
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C33A5 }
```

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

```
.border{ border-color:#8C33A5 }
```

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



Here you see how a box with a 4 pixel #8C33A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C33A5; -webkit-box-shadow:4px 4px  
4px 4px #8C33A5; box-shadow:4px 4px 4px  
4px #8C33A5 }
```

Background

The CSS property to change the background color of an element to Hex 8C33A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C33A5 }
```

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

```
.background{ background-color:#8C33A5 }
```

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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