

# Converting Colors

Hex(8B3E8D)

Have a look what the booklet for  
Hex(8B3E8D) contains.

<b>Hex(8B3E8D)</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(8B3E8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B3E8D
RGB	139, 62, 141
RGB Percent	55%, 24%, 55%
CMY	0.4549, 0.7569, 0.4471
CMYK	0.01, 0.56, 0.00, 0.45
HSL	298°, 39%, 40%
HSV	298°, 56%, 55%
XYZ	17.1778, 10.8573, 26.3896
YIQ	94.0290, 20.5330, 40.8930

# Conversions

## Conversions Part 2

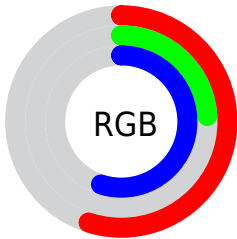
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 62, 141
Decimal	9125517
CIE <sub>Lab</sub>	39.34, 44.16, -29.28
CIE <sub>LCh</sub>	39, 52.988, 326.451
Yxy	10.8573, 0.3156, 0.1995
Android (android.graphics.Color)	4287315597 (0xFF8B3E8D)
YUV	94.0290, 23.1567, 39.4396
Hunter-Lab	32.9504, 35.3929, -24.4194

# Details

The Hex color **8B3E8D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **408D3E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C272C3**, and **56045A** is the 20% darker color. If you saturate the color by 10%, you get **8B308D**, and if you desaturate by 10%, it is **8B4C8D**.

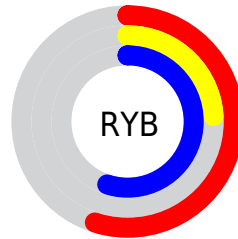
# Distribution



Red (55%)

Green (24%)

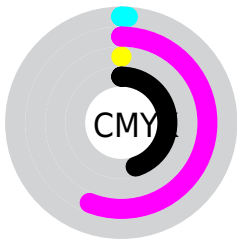
Blue (55%)



Red (55%)

Yellow (24%)

Blue (55%)

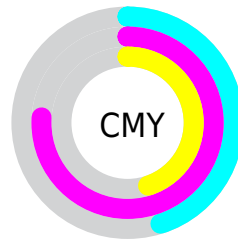


Cyan (1%)

Magenta (56%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (76%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B3E8D 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 8B3E8D by changing the saturation by 10% instead.



 8B3E8D

 8B3E8D

FFFFFF

 702473

 C272C3

 56045A


 DF8CDF

 3D0043

 FCA7FC

 28002C

 FFC3FF

 000116

 FFE0FF

 000000

 FFFDFD

 8B3E8D

 8B3E8D

 8B308D

 8B4C8D

 8A228D

 8C5A8D

 8A148D

 8C688D

 8A068D

 8C768D

 89008D

 8D858D

 8D938D

 8DA18D

 8EAF8D

 8EBD8D

# Harmonies

## Analogous

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



4F53AB



8B3E8D



A52D64

# Triad

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



8B3E8D



755900



007082

# Complementary

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



8B3E8D



408D3E

# 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.



007056



8B3E8D



4B6500

# Square

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



8B3E8D



944710



006C29



006DA4

# Rectangle

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



8B3E8D



A92F47



006C29



007074



# Sweetspot

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



8B3E8D



B798B8



3E418D



5B495C



DBDBDB



5C5C5C



# Same Dimension

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



8B3E8D



B43DB8



8D3E68



474047



840087



070008



# Inverse Universe

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



8D3E40



B83D40



3E8D63



474040



870003



080000



# Previews

## White Background



This preview shows how the Hex color 8B3E8D looks on a white background.

## Color Contrast Check

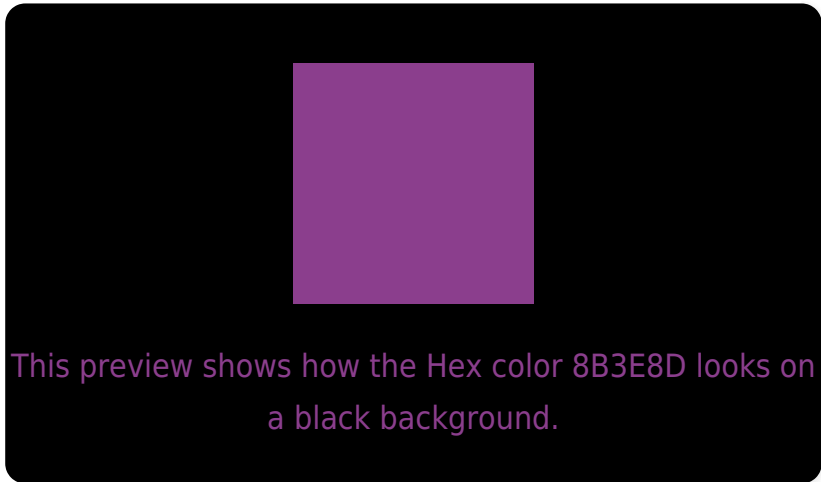
Large Text (above 18pt) WCAG AA ✓ Pass

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

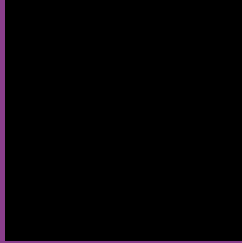
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B3E8D Background



This preview shows how black text looks on a background with the Hex color 8B3E8D.

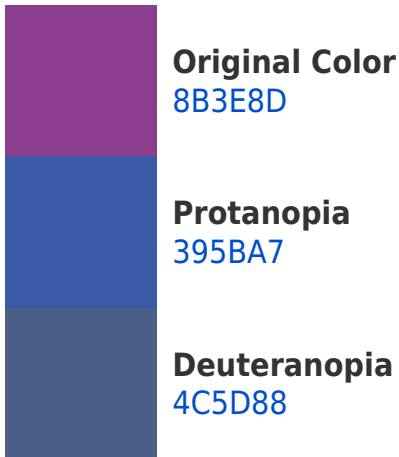


This preview shows how white text looks on a background with the Hex color 8B3E8D.

# 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](#).

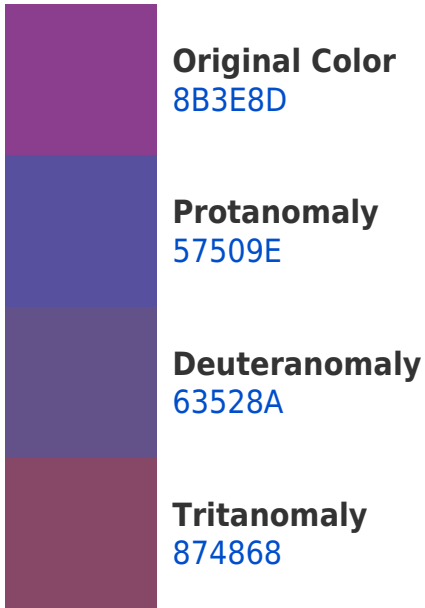
## Dichromacy





**Tritanopia**  
844D53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B3E8D 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 #8B3E8D looks like.

```
.text, #text, p{  
    color:#8B3E8D  
}
```

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 #8B3E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B3E8D
}
```

## Border

The CSS property to change the border of an element to Hex 8B3E8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

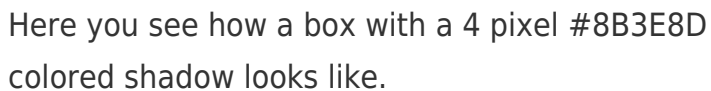
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B3E8D }
```

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

```
.border{ border-color:#8B3E8D }
```

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



Here you see how a box with a 4 pixel #8B3E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B3E8D; -webkit-box-shadow:4px 4px  
4px 4px #8B3E8D; box-shadow:4px 4px 4px  
4px #8B3E8D }
```

# Background

The CSS property to change the background color of an element to Hex 8B3E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B3E8D }
```

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

```
.background{ background-color:#8B3E8D }
```

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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