

# Converting Colors

Hex(8B4087)

Have a look what the booklet for  
Hex(8B4087) contains.

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# Color

**Hex(8B4087)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B4087
RGB	139, 64, 135
RGB Percent	55%, 25%, 53%
CMY	0.4549, 0.7490, 0.4706
CMYK	0.00, 0.54, 0.03, 0.45
HSL	303°, 37%, 40%
HSV	303°, 54%, 55%
XYZ	16.8540, 10.9050, 24.1382
YIQ	94.5190, 21.9090, 37.9810

# Conversions

## Conversions Part 2

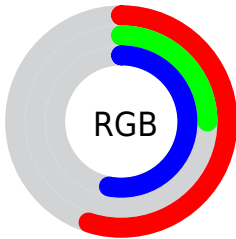
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 64, 135
Decimal	9126023
CIE <sub>Lab</sub>	39.42, 42.02, -25.49
CIE <sub>LCh</sub>	39, 49.152, 328.759
Yxy	10.9050, 0.3248, 0.2101
Android (android.graphics.Color)	4287316103 (0xFF8B4087)
YUV	94.5190, 19.9571, 39.0098
Hunter-Lab	33.0228, 33.3123, -20.2226

# Details

The Hex color **8B4087** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **408B44**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C273BD**, and **560955** is the 20% darker color. If you saturate the color by 10%, you get **8B3286**, and if you desaturate by 10%, it is **8B4E88**.

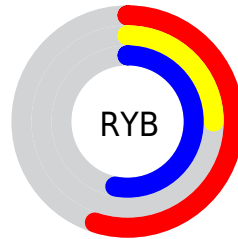
# Distribution



Red (55%)

Green (25%)

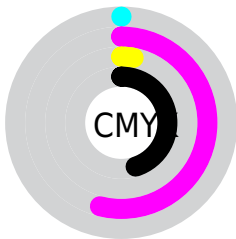
Blue (53%)



Red (55%)

Yellow (25%)

Blue (53%)

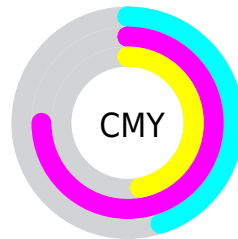


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B4087 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 8B4087 by changing the saturation by 10% instead.



 8B4087

 8B4087

FFFFFF

 70276D

 C273BD

 560955

 DF8ED8

 3D003D

 FCA9F5

 290028

 FFC5FF

 000110

 FFE1FF

 000000

FFFEFF

 8B4087

 8B4087

 8B3286

 8B4E88

■ 8B2486

■ 8B5C88

■ 8B1685

■ 8B6A89

■ 8B0884

■ 8B788A

■ 8B0084

■ 8B858B

■ 8B938B

■ 8BA18C

■ 8BAF8D

■ 8BBD8E

# Harmonies

## Analogous

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



5853A4



8B4087



A23360

# Triad

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



8B4087



715A00



006F82

# Complementary

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



8B4087



408B44

# 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.



006F5A



8B4087



4A6609

# Square

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



8B4087



904A15



006C31



006BA1

# Rectangle

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



8B4087



A43546



006C31



006F75



# Sweetspot

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



8B4087



B598B4



44408B



5C4A5B



DBDBDB



5C5C5C



# Same Dimension

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



8B4087



B53FAF



8B4062



453E44



85007E



050005



# Inverse Universe

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



8B4087



B53FAF



408B69



453E44



85007E



050005



# Previews

## White Background



This preview shows how the Hex color 8B4087 looks on a white background.

## Color Contrast Check

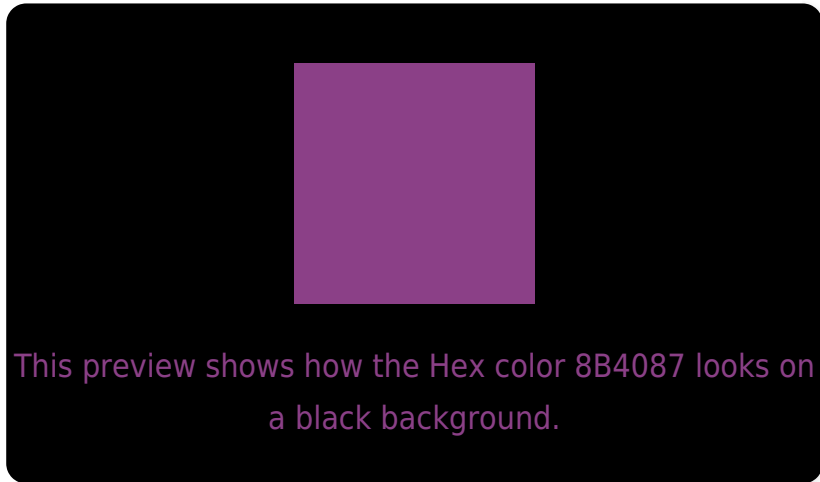
Large Text (above 18pt) WCAG AA ✓ Pass

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

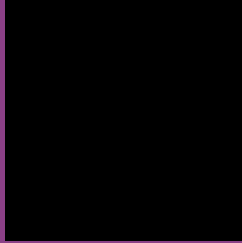
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B4087 Background



This preview shows how black text looks on a background with the Hex color 8B4087.

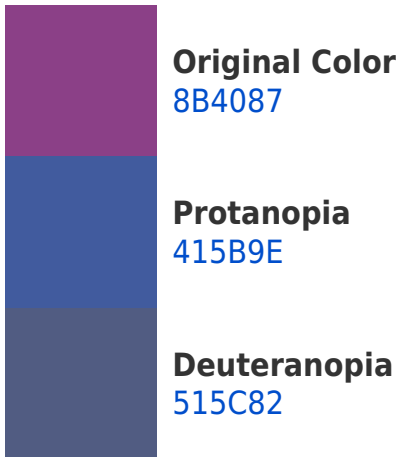


This preview shows how white text looks on a background with the Hex color 8B4087.

# 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**  
854D53

# Trichromacy



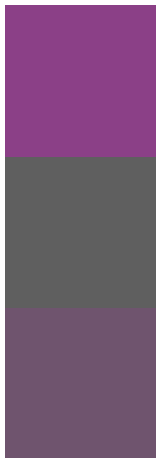
**Original Color**  
8B4087

**Protanomaly**  
5C5196

**Deuteranomaly**  
665284

**Tritanomaly**  
874866

# Monochromacy



**Original Color**  
8B4087

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6F546E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B4087 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 #8B4087 looks like.

```
.text, #text, p{  
    color:#8B4087  
}
```

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 #8B4087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B4087
}
```

## Border

The CSS property to change the border of an element to Hex 8B4087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

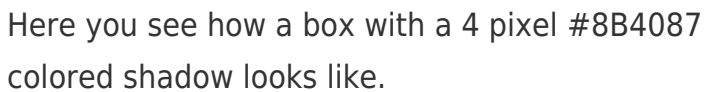
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B4087 }
```

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

```
.border{ border-color:#8B4087 }
```

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



Here you see how a box with a 4 pixel #8B4087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B4087; -webkit-box-shadow:4px 4px  
4px 4px #8B4087; box-shadow:4px 4px 4px  
4px #8B4087 }
```

# Background

The CSS property to change the background color of an element to Hex 8B4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B4087 }
```

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

```
.background{ background-color:#8B4087 }
```

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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