

# Converting Colors

Hex(8B097F)

Have a look what the booklet for  
Hex(8B097F) contains.

<b>Hex(8B097F)</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(8B097F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B097F
RGB	139, 9, 127
RGB Percent	55%, 4%, 50%
CMY	0.4549, 0.9647, 0.5020
CMYK	0.00, 0.94, 0.09, 0.45
HSL	306°, 88%, 29%
HSV	306°, 94%, 55%
XYZ	14.5759, 7.2166, 20.7034
YIQ	61.3220, 39.6020, 64.2580

# Conversions

## Conversions Part 2

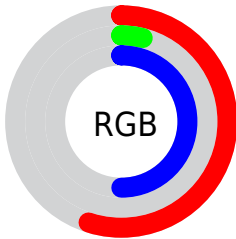
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 9, 127
Decimal	9111935
CIE <sub>Lab</sub>	32.30, 59.46, -31.74
CIE <sub>LCh</sub>	32, 67.403, 331.908
Yxy	7.2166, 0.3430, 0.1698
Android (android.graphics.Color)	4287302015 (0xFF8B097F)
YUV	61.3220, 32.3793, 68.1236
Hunter-Lab	26.8638, 49.8398, -26.8889

# Details

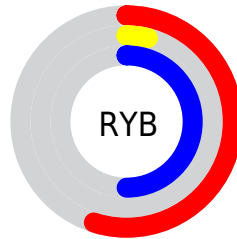
The Hex color **8B097F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **098B15**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C44EB4**, and **54004D** is the 20% darker color. If you saturate the color by 10%, you get **8B007E**, and if you desaturate by 10%, it is **8B1780**.

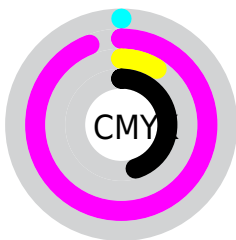
# Distribution



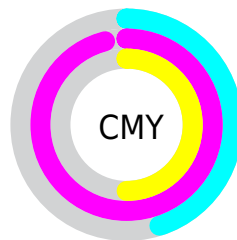
- Red (55%)
- Green (4%)
- Blue (50%)



- Red (55%)
- Yellow (4%)
- Blue (50%)



- Cyan (0%)
- Magenta (94%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (96%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B097F 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 8B097F by changing the saturation by 10% instead.





8B097F



8B097F

FFFFFF



6F0066



C44EB4



54004D



E169D0



3B0036



FF85EC



200020



FFA1FF



000003



FFBDFE



000000



FFDAFF



FFF8FF



8B097F



8B097F

■ 8B007E

■ 8B1780

■ 8B2582

■ 8B3383

■ 8B4184

■ 8B4E85

■ 8B5C87

■ 8B6A88

■ 8B7889

■ 8B868B

# Harmonies

## Analogous

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



443BA8



8B097F



A3004B

# Triad

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



8B097F



5B4B00



006183

# Complementary

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



8B097F



098B15

# 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.



00614E



8B097F



225800

# Square

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



8B097F



843300



005E13



005EAB

# Rectangle

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



8B097F



A30029



005E13



006173



# Sweetspot

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



8B097F



B582B0



14098B



5C3D59



DBDBDB



5C5C5C



# Same Dimension

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



8B097F



B500A4



8B093F



453E44



850078



050005



# Inverse Universe

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



8B097F



B500A4



098B55



453E44



850078



050005



# Previews

## White Background



This preview shows how the Hex color 8B097F looks on a white background.

## Color Contrast Check

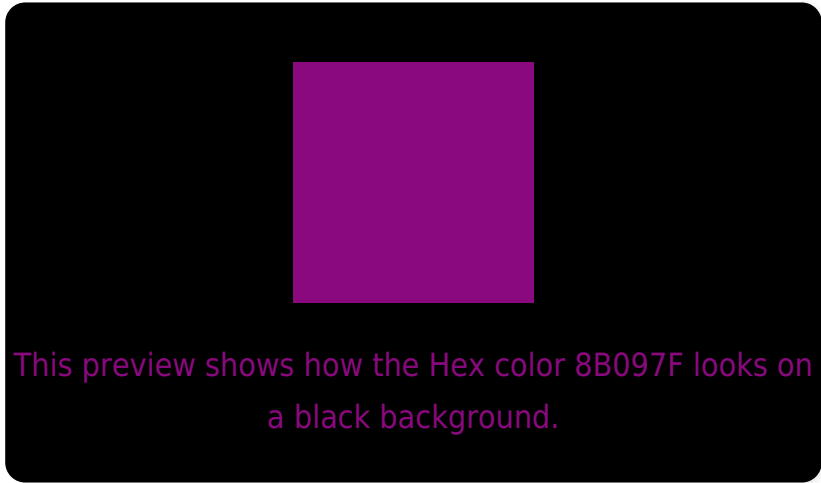
Large Text (above 18pt) WCAG AA ✓ Pass

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

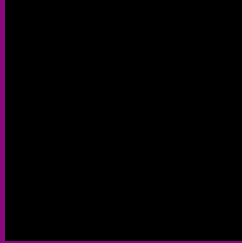
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8B097F Background



This preview shows how black text looks on a background with the Hex color 8B097F.



This preview shows how white text looks on a background with the Hex color 8B097F.

# 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](#).

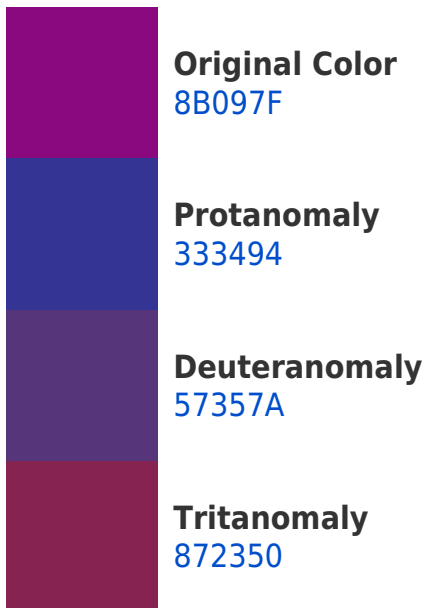
## Dichromacy



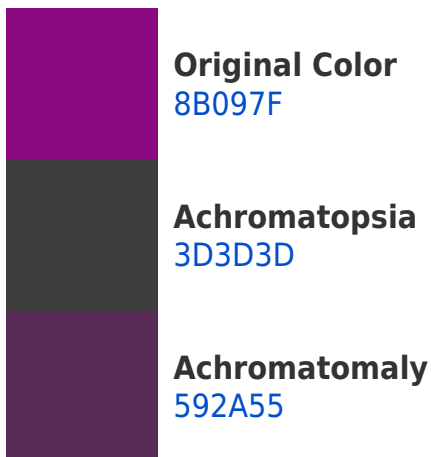


**Tritanopia**  
843235

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B097F 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 #8B097F looks like.

```
.text, #text, p{  
    color:#8B097F  
}
```

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 #8B097F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B097F
}
```

## Border

The CSS property to change the border of an element to Hex 8B097F is called "border". The border property can be set on classes, ids or directly on the HTML element.

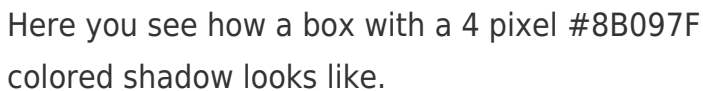
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B097F }
```

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

```
.border{ border-color:#8B097F }
```

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



Here you see how a box with a 4 pixel #8B097F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B097F; -webkit-box-shadow:4px 4px  
4px 4px #8B097F; box-shadow:4px 4px 4px  
4px #8B097F }
```

# Background

The CSS property to change the background color of an element to Hex 8B097F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B097F }
```

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

```
.background{ background-color:#8B097F }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**