

# Converting Colors

Hex(8F007E)

Have a look what the booklet for  
Hex(8F007E) contains.

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# Color

**Hex(8F007E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F007E
RGB	143, 0, 126
RGB Percent	56%, 0%, 49%
CMY	0.4392, 1.0000, 0.5059
CMYK	0.00, 1.00, 0.12, 0.44
HSL	307°, 100%, 28%
HSV	307°, 100%, 56%
XYZ	15.0936, 7.3460, 20.3611
YIQ	57.1210, 44.7820, 69.5020

# Conversions

## Conversions Part 2

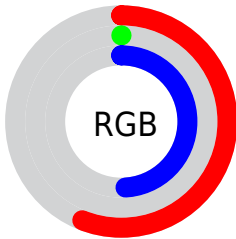
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 0, 126
Decimal	9371774
CIE <sub>Lab</sub>	32.58, 61.36, -30.61
CIE <sub>LCh</sub>	33, 68.568, 333.488
Yxy	7.3460, 0.3526, 0.1716
Android (android.graphics.Color)	4287561854 (0xFF8F007E)
YUV	57.1210, 33.9573, 75.3159
Hunter-Lab	27.1035, 51.9732, -25.5682

# Details

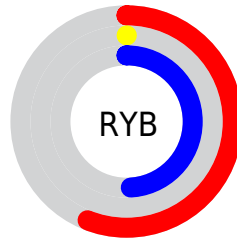
The Hex color **8F007E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **008F11**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **C84BB3**, and **58004C** is the 20% darker color. If you saturate the color by 10%, you get **8F007E**, and if you desaturate by 10%, it is **8F0E80**.

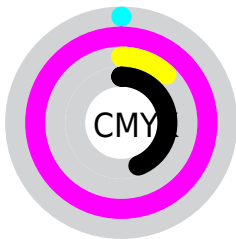
# Distribution



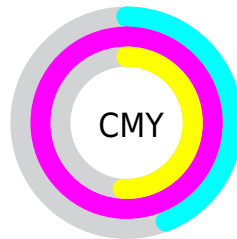
- Red (56%)
- Green (0%)
- Blue (49%)



- Red (56%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F007E 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 8F007E by changing the saturation by 10% instead.



 8F007E

 8F007E

FFFFFF

 730065

 C84BB3

 58004C

 E668CF

 3E0035

 FF84EB

 23001F

 FFA0FF

 000001

 FFBCFF

 000000

 FFD9FF

 FFF7FF

 8F007E

 8F0E80

 8F1D81

 8F2B83

 8F3985

 8F4886

 8F5688

 8F648A

 8F728C

 8F818D

# Harmonies

## Analogous

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



4B3AA9



8F007E



A60049

# Triad

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



8F007E



594D00



006288

# Complementary

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



8F007E



008F11

# 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.



006252



8F007E



1C5900

# Square

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



8F007E



833500



005F16



005EAF

# Rectangle

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



8F007E



A40026



005F16



006277



# Sweetspot

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



8F007E



BA82B4



11008F



5E3C5A



DEDEDE



5E5E5E



# Same Dimension

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



8F007E



BA00A4



8F0037



474047



870077



080007



# Inverse Universe

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



8F007E



BA00A4



008F58



474047



870077



080007



# Previews

## White Background



This preview shows how the Hex color 8F007E looks on a white background.

## Color Contrast Check

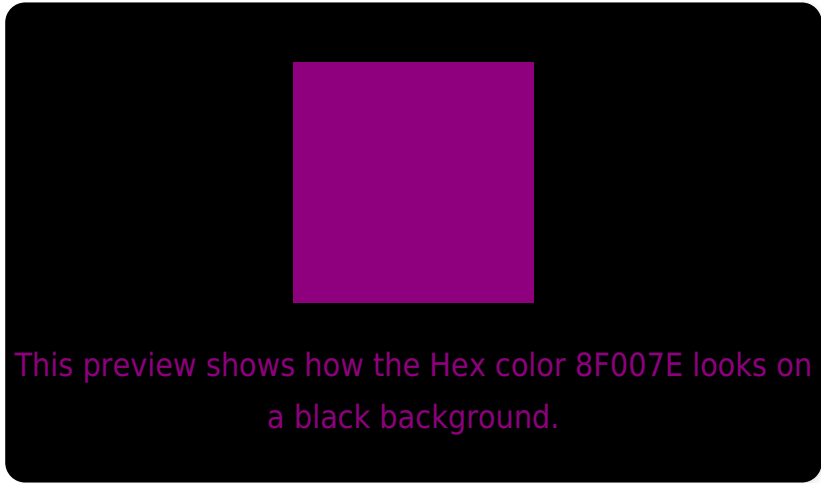
Large Text (above 18pt) WCAG AA ✓ Pass

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

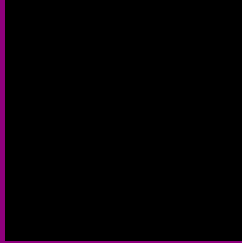
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F007E Background



This preview shows how black text looks on a background with the Hex color 8F007E.

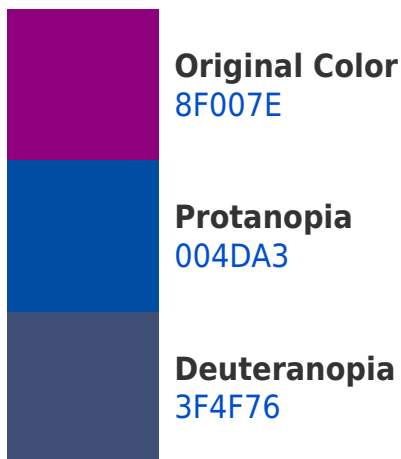



This preview shows how white text looks on a background with the Hex color 8F007E.

# 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**  
883235

# Trichromacy



**Original Color**  
8F007E



**Protanomaly**  
343196



**Deuteranomaly**  
5C3279



**Tritanomaly**  
8B2050

# Monochromacy



**Original Color**  
8F007E



**Achromatopsia**  
393939



**Achromatomaly**  
582452

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F007E 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 #8F007E looks like.

```
.text, #text, p{  
    color:#8F007E  
}
```

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 #8F007E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F007E
}
```

## Border

The CSS property to change the border of an element to Hex 8F007E is called "border". The border property can be set on classes, ids or directly on the HTML element.

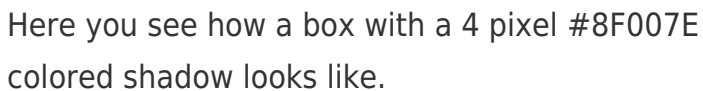
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F007E }
```

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

```
.border{ border-color:#8F007E }
```

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



Here you see how a box with a 4 pixel #8F007E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F007E; -webkit-box-shadow:4px 4px  
4px 4px #8F007E; box-shadow:4px 4px 4px  
4px #8F007E }
```

# Background

The CSS property to change the background color of an element to Hex 8F007E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F007E }
```

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

```
.background{ background-color:#8F007E }
```

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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