

# Converting Colors

Hex(8F006F)

Have a look what the booklet for  
Hex(8F006F) contains.

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# Color

**Hex(8F006F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F006F
RGB	143, 0, 111
RGB Percent	56%, 0%, 44%
CMY	0.4392, 1.0000, 0.5647
CMYK	0.00, 1.00, 0.22, 0.44
HSL	313°, 100%, 28%
HSV	313°, 100%, 56%
XYZ	14.1969, 6.9873, 15.6394
YIQ	55.4110, 49.5970, 64.8370

# Conversions

## Conversions Part 2

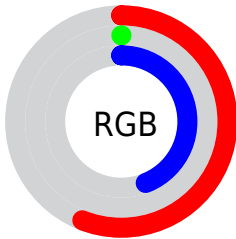
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 0, 111
Decimal	9371759
CIE <sub>Lab</sub>	31.78, 59.35, -22.36
CIE <sub>LCh</sub>	32, 63.425, 339.352
Yxy	6.9873, 0.3855, 0.1898
Android (android.graphics.Color)	4287561839 (0xFF8F006F)
YUV	55.4110, 27.4054, 76.8156
Hunter-Lab	26.4336, 49.6100, -16.5753

# Details

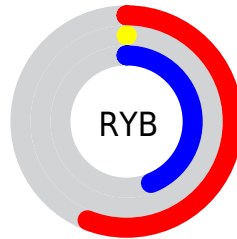
The Hex color **8F006F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008F20**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C84BA3**, and **58003F** is the 20% darker color. If you saturate the color by 10%, you get **8F006F**, and if you desaturate by 10%, it is **8F0E72**.

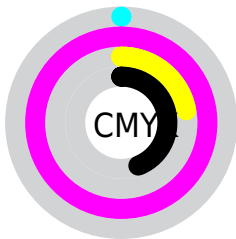
# Distribution



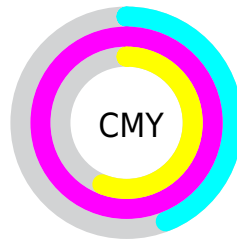
- Red (56%)
- Green (0%)
- Blue (44%)



- Red (56%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F006F 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 8F006F by changing the saturation by 10% instead.



8F006F

8F006F

FFFFFF

730056

C84BA3

58003F

E667BE

3E0029

FF82DA

220013

FF9EF7

000000

FFBBFF

FFD8FF

FFF5FF

8F006F

 8F0E72

 8F1D75

 8F2B79

 8F397C

 8F487F

 8F5682

 8F6485

 8F7289

 8F818C

# Harmonies

## Analogous

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



5C3499



8F006F



9E003E

# Triad

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



8F006F



4E4E00



005E8A

# Complementary

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



8F006F



008F20

# 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.



005F5A



8F006F



095800

# Square

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



8F006F



773B00



005D25



005AA9

# Rectangle

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



8F006F



9A021E



005D25



005F7B



# Sweetspot

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



8F006F



BA82AE



1F008F



5E3C57



DEDEDE



5E5E5E



# Same Dimension

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



8F006F



BA0090



8F0029



474046



870069



080006



# Inverse Universe

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



8F006F



BA0090



008F66



474046



870069



080006



# Previews

## White Background



This preview shows how the Hex color 8F006F looks on a white background.

## Color Contrast Check

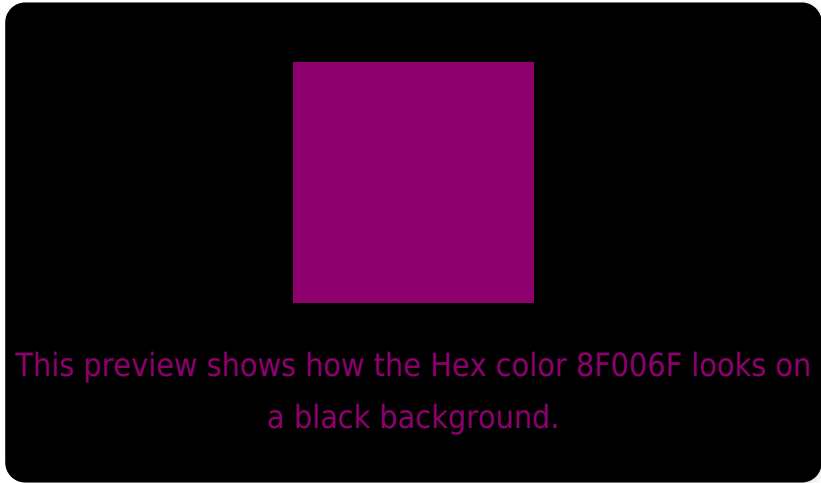
Large Text (above 18pt) WCAG AA ✓ Pass

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

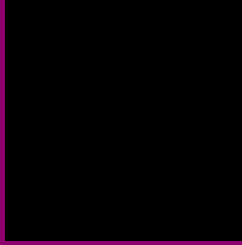
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8F006F Background



This preview shows how black text looks on a background with the Hex color 8F006F.



This preview shows how white text looks on a background with the Hex color 8F006F.

# 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**  
8A2C2E

# Trichromacy



**Original Color**  
8F006F



**Protanomaly**  
40308D



**Deuteranomaly**  
61316B



**Tritanomaly**  
8C1C46

# Monochromacy



**Original Color**  
8F006F



**Achromatopsia**  
373737



**Achromatomaly**  
57234B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F006F 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 #8F006F looks like.

```
.text, #text, p{  
    color:#8F006F  
}
```

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 #8F006F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F006F
}
```

## Border

The CSS property to change the border of an element to Hex 8F006F is called "border". The border property can be set on classes, ids or directly on the HTML element.

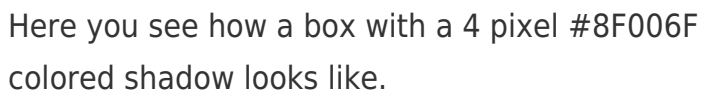
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F006F }
```

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

```
.border{ border-color:#8F006F }
```

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



Here you see how a box with a 4 pixel #8F006F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F006F; -webkit-box-shadow:4px 4px  
4px 4px #8F006F; box-shadow:4px 4px 4px  
4px #8F006F }
```

# Background

The CSS property to change the background color of an element to Hex 8F006F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F006F }
```

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

```
.background{ background-color:#8F006F }
```

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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