

# Converting Colors

Hex(8C006C)

Have a look what the booklet for  
Hex(8C006C) contains.

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**Color**

**Hex(8C006C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C006C
RGB	140, 0, 108
RGB Percent	55%, 0%, 42%
CMY	0.4510, 1.0000, 0.5765
CMYK	0.00, 1.00, 0.23, 0.45
HSL	314°, 100%, 27%
HSV	314°, 100%, 55%
XYZ	13.5220, 6.6582, 14.7598
YIQ	54.1720, 48.7720, 63.2680

# Conversions

## Conversions Part 2

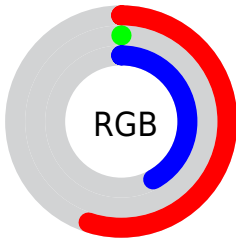
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 0, 108
Decimal	9175148
CIE <sub>Lab</sub>	31.02, 58.36, -21.68
CIE <sub>LCh</sub>	31, 62.260, 339.624
Yxy	6.6582, 0.3870, 0.1906
Android (android.graphics.Color)	4287365228 (0xFF8C006C)
YUV	54.1720, 26.5372, 75.2712
Hunter-Lab	25.8034, 48.3850, -15.8521

# Details

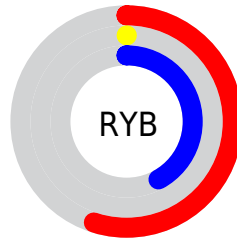
The Hex color **8C006C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008C20**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **C54AA0**, and **55003C** is the 20% darker color. If you saturate the color by 10%, you get **8C006C**, and if you desaturate by 10%, it is **8C0E6F**.

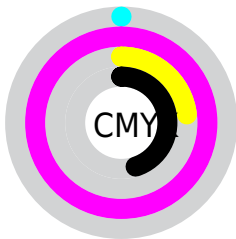
# Distribution



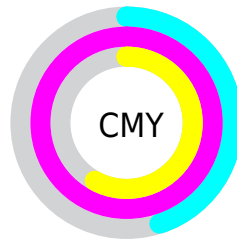
- Red (55%)
- Green (0%)
- Blue (42%)



- Red (55%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C006C 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 8C006C by changing the saturation by 10% instead.



 8C006C

 8C006C

FFFFFF

 700054

 C54AA0

 55003C

 E366BB

 3C0027

 FF81D7

 1F000F

 FF9DF3

 000000

 FFBAFF

 FFD6FF

 FFF4FF

 8C006C

 8C0E6F

 8C1C72

 8C2A76

 8C3879

 8C467C

 8C547F

 8C6282

 8C7086

 8C7E89

# Harmonies

## Analogous

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



5A3295



8C006C



9B003C

# Triad

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



8C006C



4C4C00



005C87

# Complementary

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



8C006C



008C20

# 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.



005D58



8C006C



085600

# Square

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



8C006C



743A00



005B24



0058A6

# Rectangle

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



8C006C



96031C



005B24



005D78



# Sweetspot

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



8C006C



B57FA9



1E008C



5C3B54



DBDBDB



5C5C5C



# Same Dimension

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



8C006C



B5008C



8C0028



453E43



850066



050004



# Inverse Universe

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



8C006C



B5008C



008C64



453E43



850066



050004



# Previews

## White Background



This preview shows how the Hex color 8C006C looks on a white background.

## Color Contrast Check

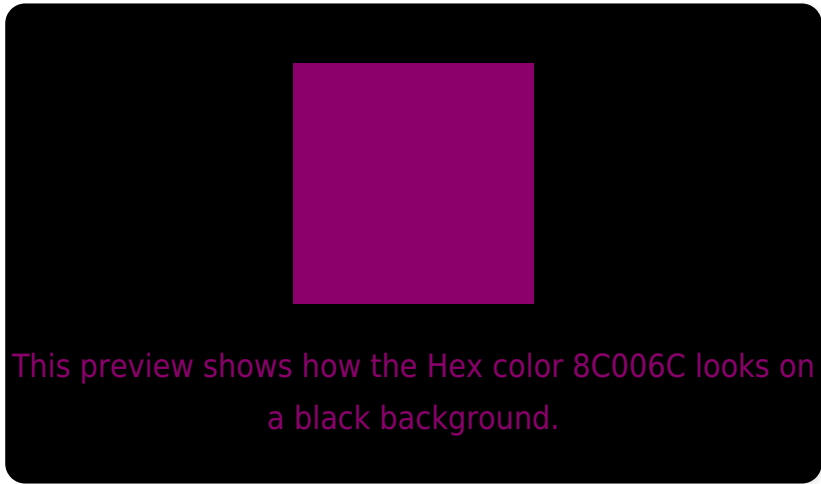
Large Text (above 18pt) WCAG AA ✓ Pass

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

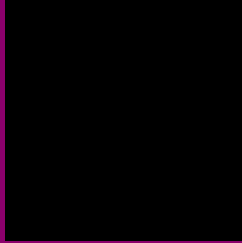
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C006C Background



This preview shows how black text looks on a background with the Hex color 8C006C.



This preview shows how white text looks on a background with the Hex color 8C006C.

# 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**  
872B2D

# Trichromacy



**Original Color**  
8C006C



**Protanomaly**  
402F89



**Deuteranomaly**  
5F3068

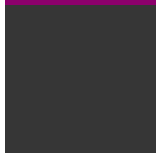


**Tritanomaly**  
891B44

# Monochromacy



**Original Color**  
8C006C



**Achromatopsia**  
363636



**Achromatomaly**  
55224A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C006C 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 #8C006C looks like.

```
.text, #text, p{  
    color:#8C006C  
}
```

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 #8C006C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C006C
}
```

## Border

The CSS property to change the border of an element to Hex 8C006C is called "border". The border property can be set on classes, ids or directly on the HTML element.

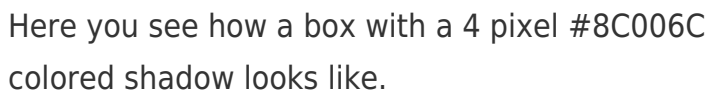
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C006C }
```

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

```
.border{ border-color:#8C006C }
```

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



Here you see how a box with a 4 pixel #8C006C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C006C; -webkit-box-shadow:4px 4px  
4px 4px #8C006C; box-shadow:4px 4px 4px  
4px #8C006C }
```

# Background

The CSS property to change the background color of an element to Hex 8C006C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C006C }
```

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

```
.background{ background-color:#8C006C }
```

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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