

# Converting Colors

Hex(88004F)

Have a look what the booklet for  
Hex(88004F) contains.

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# Color

**Hex(88004F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88004F
RGB	136, 0, 79
RGB Percent	53%, 0%, 31%
CMY	0.4667, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.42, 0.47
HSL	325°, 100%, 27%
HSV	325°, 100%, 53%
XYZ	11.5646, 5.7988, 7.9069
YIQ	49.6700, 55.6970, 53.4010

# Conversions

## Conversions Part 2

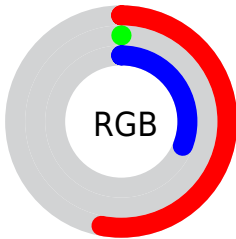
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 0, 79
Decimal	8912975
CIE Lab	28.90, 54.23, -6.03
CIE LCh	29, 54.566, 353.657
Yxy	5.7988, 0.4576, 0.2295
Android (android.graphics.Color)	4287103055 (0xFF88004F)
YUV	49.6700, 14.4597, 75.7114
Hunter-Lab	24.0806, 43.5830, -2.6115

# Details

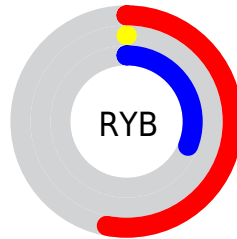
The Hex color **88004F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **008839**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C24780**, and **500023** is the 20% darker color. If you saturate the color by 10%, you get **88004F**, and if you desaturate by 10%, it is **880E55**.

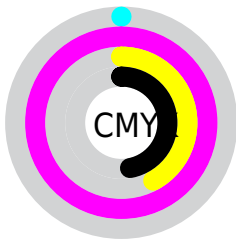
# Distribution



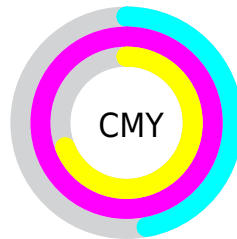
- Red (53%)
- Green (0%)
- Blue (31%)



- Red (53%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88004F 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 88004F by changing the saturation by 10% instead.



 88004F

 88004F

FFFFFF

 6C0038

 C24780

 500023

 DF639A

 38000C

 FD7EB5

 100000

 FF9AD0

 000000

 FFB6ED

 FFD3FF

 FFF0FF

 88004F

 880E55

 881B5A

 882960

 883666

 88446C

 885271

 885F77

 886D7D

 887A82

# Harmonies

## Analogous

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



6C2477



88004F



8A0B25

# Triad

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



88004F



354C00



005488

# Complementary

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



88004F



008839

# 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.



005665



88004F



005209

# Square

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



88004F



5C3F00



00553A



004C99

# Rectangle

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



88004F



812208



00553A



00557E



# Sweetspot

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



88004F



B07B9A



390088



59394C



D9D9D9



595959



# Same Dimension

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



88004F



B00066



88000B



453E42



85004D



050003



# Inverse Universe

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



88004F



B00066



00887D



453E42



85004D



050003



# Previews

## White Background



This preview shows how the Hex color 88004F looks on a white background.

## Color Contrast Check

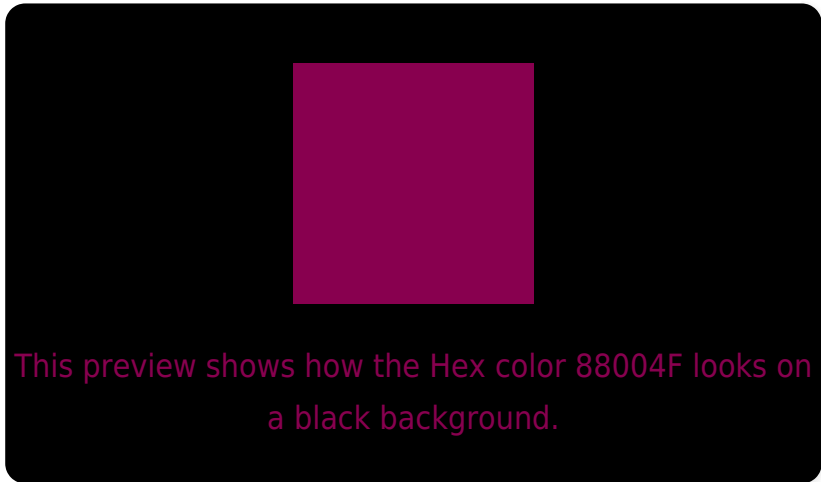
Large Text (above 18pt) WCAG AA ✓ Pass

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 88004F Background



This preview shows how black text looks on a background with the Hex color 88004F.



This preview shows how white text looks on a background with the Hex color 88004F.

# 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



**Original Color**  
88004F

**Protanopia**  
374671

**Deuteranopia**  
4E4549



**Tritanopia**  
851F20

# Trichromacy



**Original Color**  
88004F

**Protanomaly**  
542D65

**Deuteranomaly**  
632C4B

**Tritanomaly**  
861431

# Monochromacy



**Original Color**  
88004F

**Achromatopsia**  
323232

**Achromatomaly**  
51203D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88004F 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 #88004F looks like.

```
.text, #text, p{  
    color:#88004F  
}
```

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 #88004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88004F
}
```

## Border

The CSS property to change the border of an element to Hex 88004F 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".

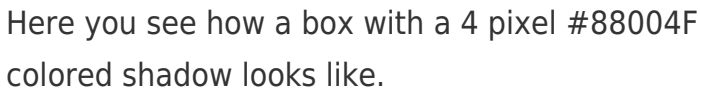
```
.border, #border, table{ border:4px solid
#88004F }
```

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

```
.border{ border-color:#88004F }
```

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

Here you see how a box with a 4 pixel #88004F colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a dark purple border and a dark purple shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88004F; -webkit-box-shadow:4px 4px  
4px 4px #88004F; box-shadow:4px 4px 4px  
4px #88004F }
```

# Background

The CSS property to change the background color of an element to Hex 88004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88004F }
```

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

```
.background{ background-color:#88004F }
```

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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