

# Converting Colors

Hex(88007B)

Have a look what the booklet for  
Hex(88007B) contains.

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# Color

**Hex(88007B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	88007B
RGB	136, 0, 123
RGB Percent	53%, 0%, 48%
CMY	0.4667, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.10, 0.47
HSL	306°, 100%, 27%
HSV	306°, 100%, 53%
XYZ	13.7285, 6.6643, 19.3017
YIQ	54.6860, 41.5730, 67.0850

# Conversions

## Conversions Part 2

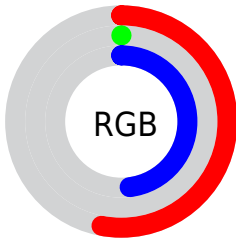
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 0, 123
Decimal	8913019
CIE <sub>Lab</sub>	31.03, 59.62, -31.26
CIE <sub>LCh</sub>	31, 67.324, 332.330
Yxy	6.6643, 0.3459, 0.1679
Android (android.graphics.Color)	4287103099 (0xFF88007B)
YUV	54.6860, 33.6788, 71.3124
Hunter-Lab	25.8153, 49.7489, -26.2594

# Details

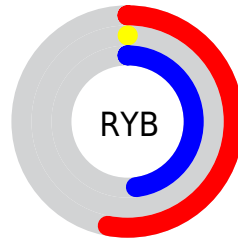
The Hex color **88007B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **00880D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **C14AB0**, and **51004A** is the 20% darker color. If you saturate the color by 10%, you get **88007B**, and if you desaturate by 10%, it is **880E7C**.

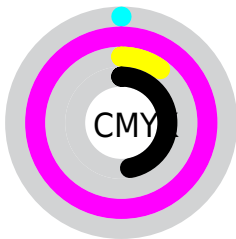
# Distribution



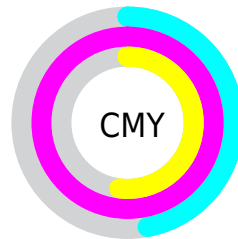
- Red (53%)
- Green (0%)
- Blue (48%)



- Red (53%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88007B 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 88007B by changing the saturation by 10% instead.



88007B

88007B

FFFFFF

6C0062

C14AB0

51004A

DE66CC

390033

FC81E8

1B001D

FF9DFF

000000

FFBAFF

FFD6FF

FFF4FF

88007B

 880E7C

 881B7E

 88297F

 883680

 884482

 885283

 885F84

 886D85

 887A87

# Harmonies

## Analogous

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



4238A4



88007B



A00048

# Triad

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



88007B



574900



005E81

# Complementary

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



88007B



00880D

# 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.



005D4C



88007B



1C5500

# Square

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



88007B



7F3100



005B11



005BA8

# Rectangle

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



88007B



9F0025



005B11



005E70



# Sweetspot

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



88007B



B07BAB



0B0088



593956



D9D9D9



595959



# Same Dimension

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



88007B



B0009F



880039



453E44



850078



050005



# Inverse Universe

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



88007B



B0009F



00884F



453E44



850078



050005



# Previews

## White Background



This preview shows how the Hex color 88007B looks on a white background.

## Color Contrast Check

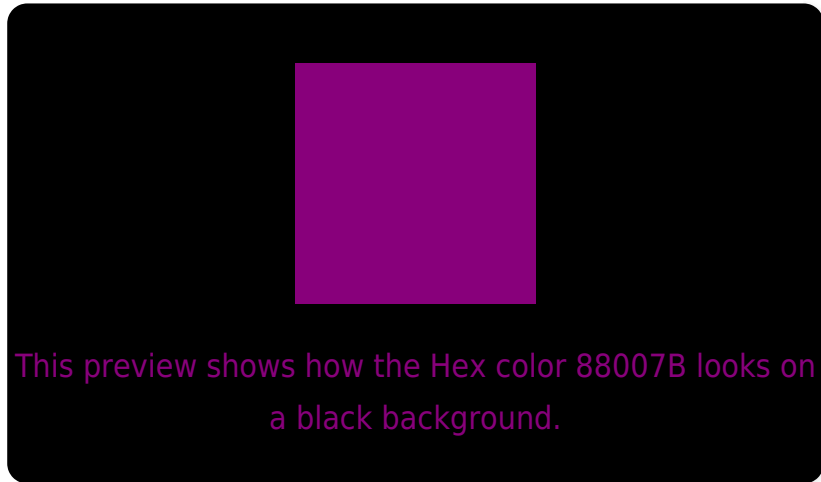
Large Text (above 18pt) WCAG AA ✓ Pass

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

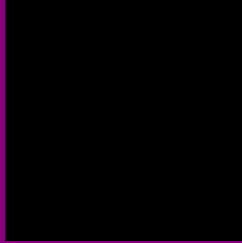
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 88007B Background



This preview shows how black text looks on a background with the Hex color 88007B.

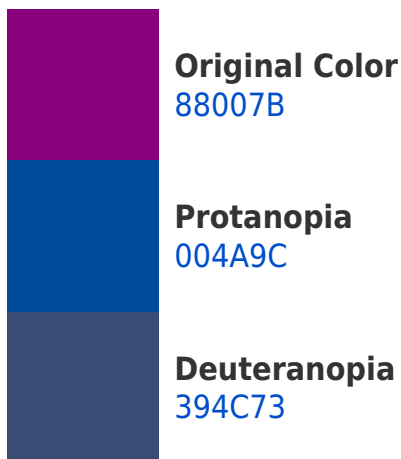



This preview shows how white text looks on a background with the Hex color 88007B.

# 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**  
813033

# Trichromacy



**Original Color**  
88007B

**Protanomaly**  
312F90

**Deuteranomaly**  
563076

**Tritanomaly**  
841F4D

# Monochromacy



**Original Color**  
88007B

**Achromatopsia**  
373737

**Achromatomaly**  
542350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88007B 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 #88007B looks like.

```
.text, #text, p{  
    color:#88007B  
}
```

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 #88007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88007B
}
```

## Border

The CSS property to change the border of an element to Hex 88007B is called "border". The border property can be set on classes, ids or directly on the HTML element.

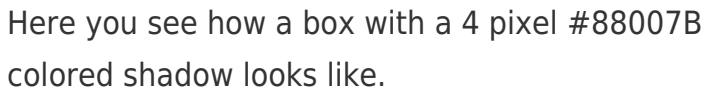
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88007B }
```

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

```
.border{ border-color:#88007B }
```

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



Here you see how a box with a 4 pixel #88007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88007B; -webkit-box-shadow:4px 4px  
4px 4px #88007B; box-shadow:4px 4px 4px  
4px #88007B }
```

# Background

The CSS property to change the background color of an element to Hex 88007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88007B }
```

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

```
.background{ background-color:#88007B }
```

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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