

# Converting Colors

Hex(84008D)

Have a look what the booklet for  
Hex(84008D) contains.

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# Color

**Hex(84008D)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 84008D                    |
| RGB         | 132, 0, 141               |
| RGB Percent | 52%, 0%, 55%              |
| CMY         | 0.4824, 1.0000, 0.4471    |
| CMYK        | 0.06, 1.00, 0.00, 0.45    |
| HSL         | 296°, 100%, 28%           |
| HSV         | 296°, 100%, 55%           |
| XYZ         | 14.3234, 6.8286, 25.7624  |
| YIQ         | 55.5420, 33.4110, 71.8350 |

# Conversions

## Conversions Part 2

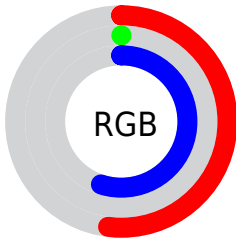
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 0, 141                   |
| Decimal                             | 8650893                       |
| CIE <sub>Lab</sub>                  | 31.41, 61.71, -41.95          |
| CIE <sub>LCh</sub>                  | 31, 74.618, 325.789           |
| Yxy                                 | 6.8286, 0.3053,<br>0.1456     |
| Android<br>(android.graphics.Color) | 4286840973<br>(0xFF84008D)    |
| YUV                                 | 55.5420, 42.1308,<br>67.0537  |
| Hunter-Lab                          | 26.1316, 52.1102,<br>-40.1602 |

# Details

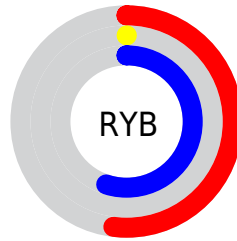
The Hex color **84008D** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **098D00**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **BD4AC3**, and **4D005A** is the 20% darker color. If you saturate the color by 10%, you get **84008D**, and if you desaturate by 10%, it is **850E8D**.

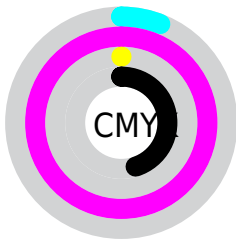
# Distribution



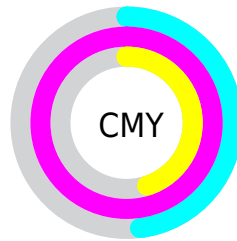
- Red (52%)
- Green (0%)
- Blue (55%)



- Red (52%)
- Yellow (0%)
- Blue (55%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84008D 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 84008D by changing the saturation by 10% instead.



 84008D

 84008D

FFFFFF

 680073

 BD4AC3

 4D005A

 DA66E0

 350042

 F782FC

 17002B

 FF9EFF

 000115

 FFBAFF

 000000

 FFD7FF

 FFF4FF

 84008D

 850E8D

 861C8D

 872A8D

 88388D

 89478D

 89558D

 8A638D

 8B718D

 8C7F8D

# Harmonies

## Analogous

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



003EB6



84008D



A70055

# Triad

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



84008D



624500



00607C

# Complementary

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



84008D



098D00

# 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.



005F40



84008D



275500

# Square

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



84008D



8C2400



005C00



005FAC

# Rectangle

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



84008D



A9002F



005C00



006069



# Sweetspot

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



84008D



B481B8



00098D



5A3B5C



DBDBDB



5C5C5C



# Same Dimension

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



84008D



AC00B8



8D0050



474047



7F0087



070008



# Inverse Universe

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



8D0009



B8000C



008D3D



474041



870009



080000



# Previews

## White Background



This preview shows how the Hex color 84008D looks on a white background.

## Color Contrast Check

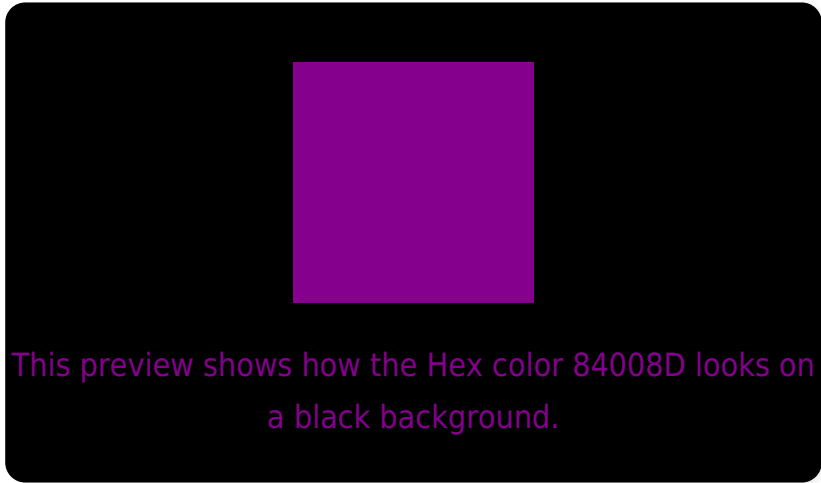
Large Text (above 18pt) WCAG AA ✓ Pass

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

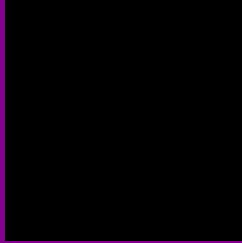
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 84008D Background



This preview shows how black text looks on a background with the Hex color 84008D.

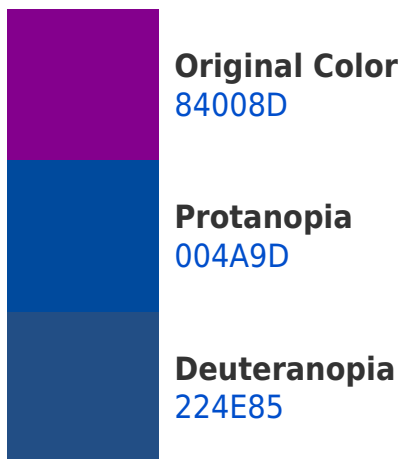


This preview shows how white text looks on a background with the Hex color 84008D.

# 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**  
7A373B

# Trichromacy



**Original Color**  
84008D



**Protanomaly**  
302F97



**Deuteranomaly**  
463288



**Tritanomaly**  
7E2359

# Monochromacy



**Original Color**  
84008D



**Achromatopsia**  
383838



**Achromatomaly**  
542457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84008D 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 #84008D looks like.

```
.text, #text, p{  
    color:#84008D  
}
```

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 #84008D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84008D
}
```

## Border

The CSS property to change the border of an element to Hex 84008D is called "border". The border property can be set on classes, ids or directly on the HTML element.

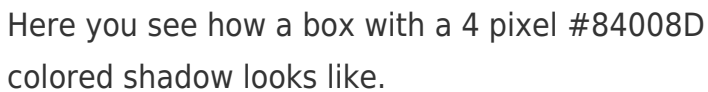
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84008D }
```

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

```
.border{ border-color:#84008D }
```

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



Here you see how a box with a 4 pixel #84008D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84008D; -webkit-box-shadow:4px 4px  
4px 4px #84008D; box-shadow:4px 4px 4px  
4px #84008D }
```

# Background

The CSS property to change the background color of an element to Hex 84008D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84008D }
```

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

```
.background{ background-color:#84008D }
```

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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