

Converting Colors

Hex(84007B)

Have a look what the booklet for
Hex(84007B) contains.

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Color

Hex(84007B)

Conversions

Conversions Part 1

Format	Color
Hex	84007B
RGB	132, 0, 123
RGB Percent	52%, 0%, 48%
CMY	0.4824, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.07, 0.48
HSL	304°, 100%, 26%
HSV	304°, 100%, 52%
XYZ	13.0909, 6.3356, 19.2718
YIQ	53.4900, 39.1890, 66.2370

Conversions

Conversions Part 2

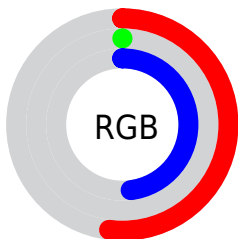
Format	Color
R_{YB}	132, 0, 123
Decimal	8650875
CIE Lab	30.24, 58.89, -32.56
CIE LCh	30, 67.290, 331.060
Yxy	6.3356, 0.3383, 0.1637
Android (android.graphics.Color)	4286840955 (0xFF84007B)
YUV	53.4900, 34.2684, 68.8533
Hunter-Lab	25.1706, 48.7867, -27.7758

Details

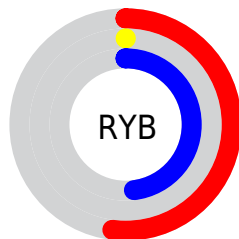
The Hex color **84007B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **008409**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **BD49B0**, and **4E004A** is the 20% darker color. If you saturate the color by 10%, you get **84007B**, and if you desaturate by 10%, it is **840D7C**.

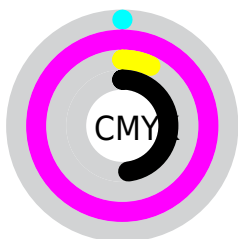
Distribution



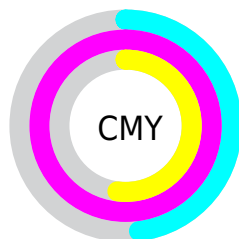
- Red (52%)
- Green (0%)
- Blue (48%)



- Red (52%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84007B 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 84007B by changing the saturation by 10% instead.

 84007B

 84007B

FFFFFF

 690062

 BD49B0

 4E004A

 DA65CC

 360033

 F780E8

 16001C

 FF9CFF

 000000

 FFB8FF

 FFD5FF

 FFF2FF

 84007B

 840D7C

 841A7D

 84287E

 84357F

 84427F

 844F80

 845C81

 846A82

 847783

Harmonies

Analogous

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



3A38A3



84007B



9D0048

Triad

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



84007B



564600



005C7D

Complementary

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



84007B



008409

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.



005B48



84007B



1D5300

Square

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



84007B



7E2E00



00590B



0059A4

Rectangle

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



84007B



9C0026



00590B



005C6C

Sweetspot

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



84007B



AB78A7



090084



573755



D6D6D6



575757

Same Dimension

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



84007B



AB009F



840039



423C42



820079



030002

Inverse Universe

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



84007B



AB009F



00844B



423C42



820079



030002

Previews

White Background



This preview shows how the Hex color 84007B looks on a white background.

Color Contrast Check

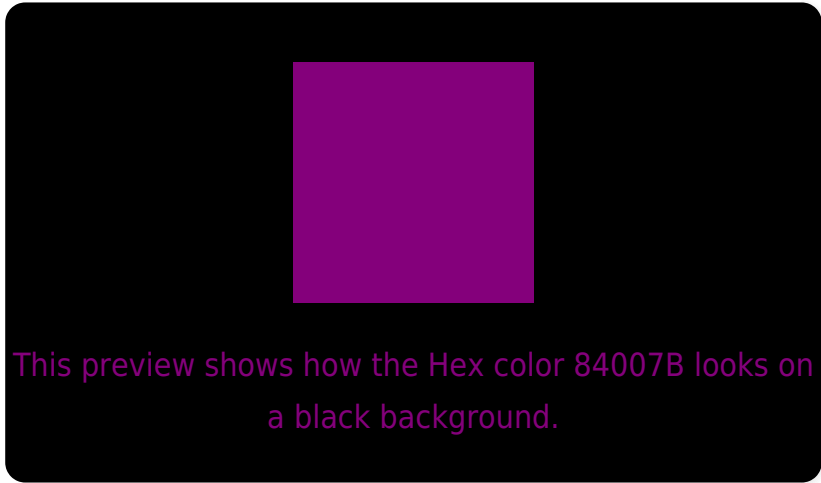
Large Text (above 18pt) WCAG AA ✓ Pass

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

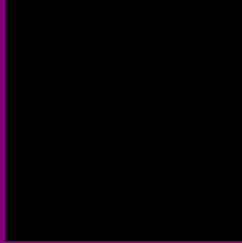
Any Text WCAG AA × Fail

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 84007B Background



This preview shows how black text looks on a background with the Hex color 84007B.

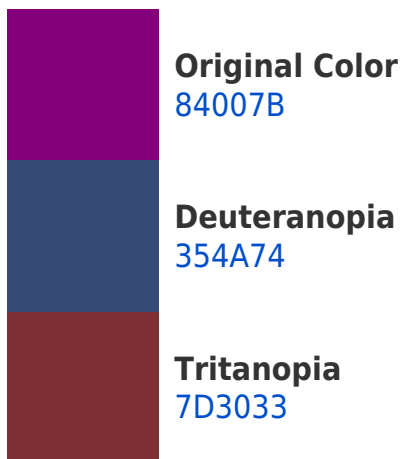


This preview shows how white text looks on a background with the Hex color 84007B.

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



Trichromacy

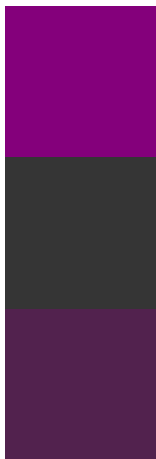


Original Color
84007B

Deuteranomaly
522F77

Tritanomaly
801F4D

Monochromacy



Original Color
84007B

Achromatopsia
353535

Achromatomaly
52224E

CSS Examples

Text

The CSS property to change the color of the text to Hex 84007B 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 #84007B looks like.

```
.text, #text, p{  
    color:#84007B  
}
```

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 #84007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84007B
}
```

Border

The CSS property to change the border of an element to Hex 84007B is called "border". The border property can be set on classes, ids or directly on the HTML element.

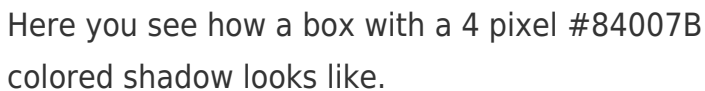
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84007B }
```

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

```
.border{ border-color:#84007B }
```

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



Here you see how a box with a 4 pixel #84007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84007B; -webkit-box-shadow:4px 4px  
4px 4px #84007B; box-shadow:4px 4px 4px  
4px #84007B }
```

Background

The CSS property to change the background color of an element to Hex 84007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84007B }
```

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

```
.background{ background-color:#84007B }
```

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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