

Converting Colors

Hex(80007B)

Have a look what the booklet for
Hex(80007B) contains.

Hex(80007B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(80007B)

Conversions

Conversions Part 1

Format	Color
Hex	80007B
RGB	128, 0, 123
RGB Percent	50%, 0%, 48%
CMY	0.4980, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.04, 0.50
HSL	302°, 100%, 25%
HSV	302°, 100%, 50%
XYZ	12.4772, 6.0193, 19.2431
YIQ	52.2940, 36.8050, 65.3890

Conversions

Conversions Part 2

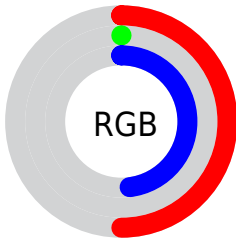
Format	Color
R_YB	128, 0, 123
Decimal	8388731
CIE _{Lab}	29.46, 58.16, -33.86
CIE _{LCh}	29, 67.298, 329.797
Yxy	6.0193, 0.3306, 0.1595
Android (android.graphics.Color)	4286578811 (0xFF80007B)
YUV	52.2940, 34.8581, 66.3942
Hunter-Lab	24.5342, 47.8442, -29.3295

Details

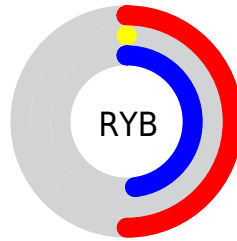
The Hex color **80007B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **008005**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B848B0**, and **4A0049** is the 20% darker color. If you saturate the color by 10%, you get **80007B**, and if you desaturate by 10%, it is **800D7C**.

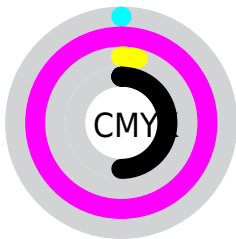
Distribution



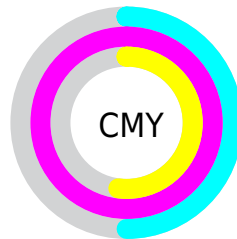
- Red (50%)
- Green (0%)
- Blue (48%)



- Red (50%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (50%)



- Cyan (50%)
- Magenta (100%)
- Yellow (52%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80007B 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 80007B by changing the saturation by 10% instead.

 80007B

 80007B

FFFFFF

 650062

 B848B0

 4A0049

 D563CC

 330033

 F37FE8

 0E001C

 FF9BFF

 000000


 FFB7FF

 FFD4FF

 FFF1FF

 80007B

 800D7C

 801A7C

 80267D

 80337D

 80407E

 804D7E

 805A7F

 80667F

 807380

Harmonies

Analogous

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



3137A2



80007B



9A0048

Triad

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



80007B



564400



005A79

Complementary

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



80007B



008005

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.



005944



80007B



1E5100

Square

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



80007B



7D2A00



005605



0057A1

Rectangle

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



80007B



9A0026



005605



005A68

Sweetspot

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



80007B



A674A4



040080



543653



D4D4D4



545454

Same Dimension

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



80007B



A6009F



80003C



403940



000000

Inverse Universe

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



80007B



A6009F



008044



403940



000000

Previews

White Background



This preview shows how the Hex color 80007B looks on a white background.

Color Contrast Check

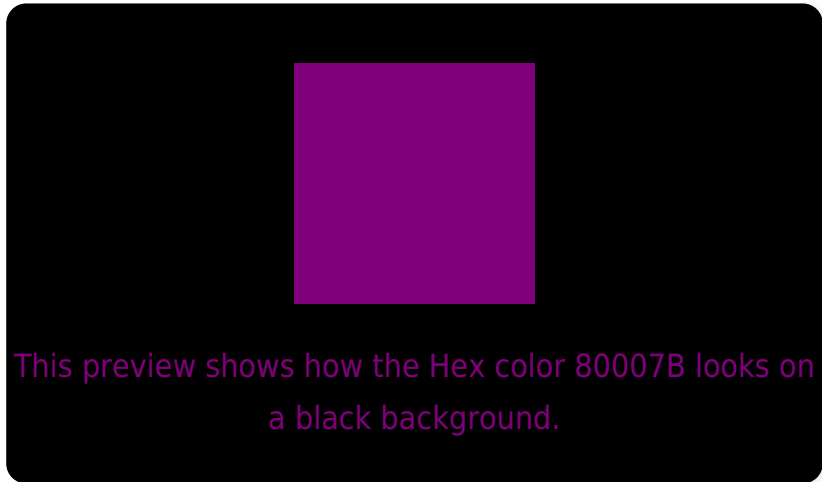
Large Text (above 18pt) WCAG AA ✓ Pass

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

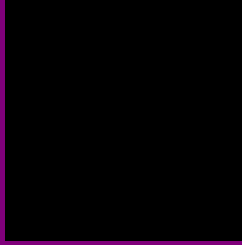
Any Text WCAG AA × Fail

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 80007B Background



This preview shows how black text looks on a background with the Hex color 80007B.




This preview shows how white text looks on a background with the Hex color 80007B.

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
793033

Trichromacy



Original Color
80007B

Protanomaly
2F2D8C

Deuteranomaly
4E2E77

Tritanomaly
7C1F4D

Monochromacy



Original Color
80007B

Achromatopsia
343434

Achromatomaly
50214E

CSS Examples

Text

The CSS property to change the color of the text to Hex 80007B 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 #80007B looks like.

```
.text, #text, p{  
    color:#80007B  
}
```

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 #80007B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80007B
}
```

Border

The CSS property to change the border of an element to Hex 80007B is called "border". The border property can be set on classes, ids or directly on the HTML element.

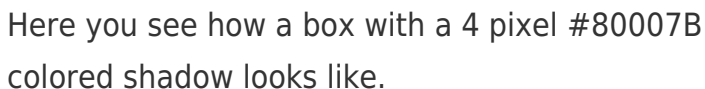
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80007B }
```

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

```
.border{ border-color:#80007B }
```

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



Here you see how a box with a 4 pixel #80007B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80007B; -webkit-box-shadow:4px 4px  
4px 4px #80007B; box-shadow:4px 4px 4px  
4px #80007B }
```

Background

The CSS property to change the background color of an element to Hex 80007B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80007B }
```

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

```
.background{ background-color:#80007B }
```

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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