

Converting Colors

Hex(80147B)

Have a look what the booklet for
Hex(80147B) contains.

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Color

Hex(80147B)

Conversions

Conversions Part 1

Format	Color
Hex	80147B
RGB	128, 20, 123
RGB Percent	50%, 8%, 48%
CMY	0.4980, 0.9216, 0.5176
CMYK	0.00, 0.84, 0.04, 0.50
HSL	303°, 73%, 29%
HSV	303°, 84%, 50%
XYZ	12.7274, 6.5196, 19.3265
YIQ	64.0340, 31.3050, 54.9290

Conversions

Conversions Part 2

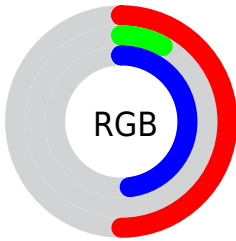
Format	Color
R_{YB}	128, 20, 123
Decimal	8393851
CIE _{Lab}	30.69, 54.56, -31.90
CIE _{LCh}	31, 63.207, 329.685
Yxy	6.5196, 0.3300, 0.1690
Android (android.graphics.Color)	4286583931 (0xFF80147B)
YUV	64.0340, 29.0702, 56.0982
Hunter-Lab	25.5334, 44.2916, -27.0037

Details

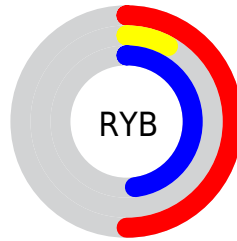
The Hex color **80147B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **148019**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B850B0**, and **4A004A** is the 20% darker color. If you saturate the color by 10%, you get **80077A**, and if you desaturate by 10%, it is **80217C**.

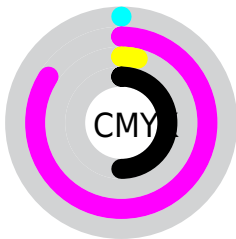
Distribution



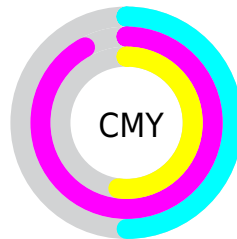
- Red (50%)
- Green (8%)
- Blue (48%)



- Red (50%)
- Yellow (8%)
- Blue (48%)



- Cyan (0%)
- Magenta (84%)
- Yellow (4%)
- Black (50%)



- Cyan (50%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80147B 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 80147B by changing the saturation by 10% instead.

80147B

80147B

FFFFFF

650062

B850B0

4A004A

D56BCC

330033

F286E8

12001D

FFA2FF

000000

FFBEFF

FFDAFF

FFF8FF

80147B

80147B

■ 80077A

■ 80217C

■ 80007A

■ 802E7C

■ 803A7D

■ 80477D

■ 80547E

■ 80617F

■ 806E7F

■ 807A80

■ 808780

Harmonies

Analogous

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



393BA0



80147B



99004B

Triad

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



80147B



5A4600



005C78

Complementary

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



80147B



148019

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.



005C46



80147B



275300

Square

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



80147B



7F2F00



00590E



00599E

Rectangle

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



80147B



9A002B



00590E



005C68

Sweetspot

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



80147B



A67CA4



181480



543B53



D4D4D4



545454

Same Dimension

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



80147B



A6009E



801446



40393F



80007A



000000

Inverse Universe

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



80147B



A6009E



14804E



40393F



80007A



000000

Previews

White Background



This preview shows how the Hex color 80147B looks on a white background.

Color Contrast Check

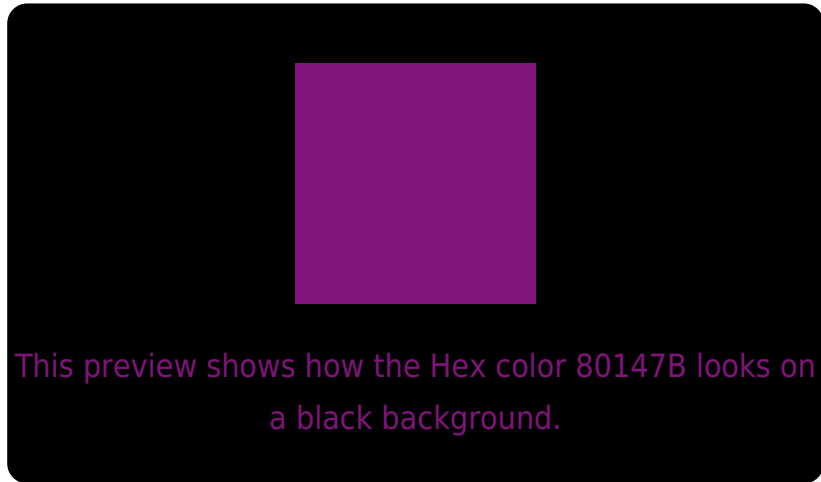
Large Text (above 18pt) WCAG AA ✓ Pass

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

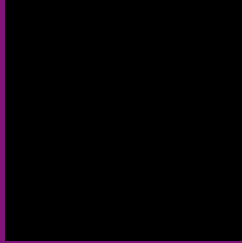
Any Text WCAG AA × Fail

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 80147B Background



This preview shows how black text looks on a background with the Hex color 80147B.

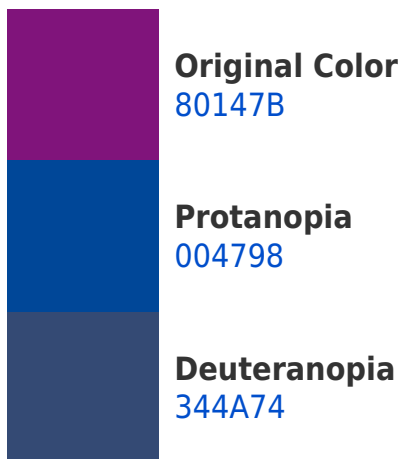



This preview shows how white text looks on a background with the Hex color 80147B.

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
793336

Trichromacy



Original Color
80147B



Protanomaly
2F348D



Deuteranomaly
503677



Tritanomaly
7C284F

Monochromacy



Original Color
80147B



Achromatopsia
404040



Achromatomaly
573055

CSS Examples

Text

The CSS property to change the color of the text to Hex 80147B 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 #80147B looks like.

```
.text, #text, p{  
    color:#80147B  
}
```

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 #80147B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80147B
}
```

Border

The CSS property to change the border of an element to Hex 80147B is called "border". The border property can be set on classes, ids or directly on the HTML element.

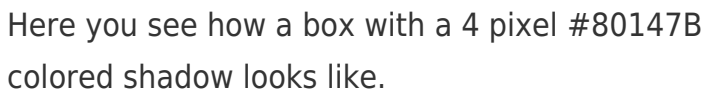
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80147B }
```

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

```
.border{ border-color:#80147B }
```

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



Here you see how a box with a 4 pixel #80147B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80147B; -webkit-box-shadow:4px 4px  
4px 4px #80147B; box-shadow:4px 4px 4px  
4px #80147B }
```

Background

The CSS property to change the background color of an element to Hex 80147B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80147B }
```

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

```
.background{ background-color:#80147B }
```

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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