

Converting Colors

Hex(81007F)

Have a look what the booklet for
Hex(81007F) contains.

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Color

Hex(81007F)

Conversions

Conversions Part 1

Format	Color
Hex	81007F
RGB	129, 0, 127
RGB Percent	51%, 0%, 50%
CMY	0.4941, 1.0000, 0.5020
CMYK	0.00, 1.00, 0.02, 0.49
HSL	301°, 100%, 25%
HSV	301°, 100%, 51%
XYZ	12.8840, 6.1994, 20.5962
YIQ	53.0490, 36.1170, 66.8450

Conversions

Conversions Part 2

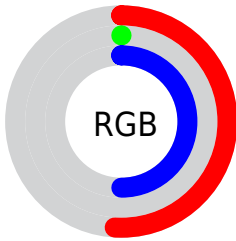
Format	Color
R_{YB}	129, 0, 127
Decimal	8454271
CIE _{Lab}	29.91, 58.96, -35.65
CIE _{LCh}	30, 68.900, 328.838
Yxy	6.1994, 0.3247, 0.1562
Android (android.graphics.Color)	4286644351 (0xFF81007F)
YUV	53.0490, 36.4578, 66.6090
Hunter-Lab	24.8987, 48.7937, -31.6157

Details

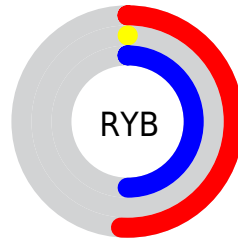
The Hex color **81007F** is a dark color, and the websafe version is hex **993399**, and the color name is **philippine violet**. A complement of this color would be **008102**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **B948B4**, and **4B004D** is the 20% darker color. If you saturate the color by 10%, you get **81007F**, and if you desaturate by 10%, it is **810D7F**.

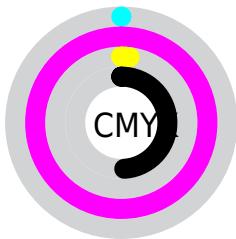
Distribution



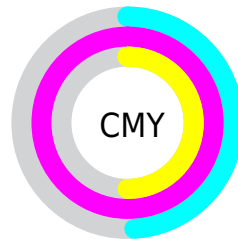
- Red (51%)
- Green (0%)
- Blue (50%)



- Red (51%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81007F 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 81007F by changing the saturation by 10% instead.

 81007F

 81007F

FFFFFF

 660066

 B948B4

 4B004D

 D664D0

 340036

 F480ED

 11001F

 FF9BFF

 000002

 FFB8FF

 000000

 FFD4FF

 FFF2FF

 81007F

■ 810D7F

■ 811A7F

■ 812780

■ 813480

■ 814180

■ 814D80

■ 815A80

■ 816781

■ 817481

Harmonies

Analogous

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



2B39A6



81007F



9D004B

Triad

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



81007F



594400



005B79

Complementary

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



81007F



008102

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.



005A43



81007F



205200

Square

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



81007F



812900



005801



0059A3

Rectangle

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



81007F



9E0028



005801



005B68

Sweetspot

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



81007F



A876A8



000081



543654



D4D4D4



545454

Same Dimension

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



81007F



A800A6



810041



403940



80007E



000000

Inverse Universe

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



81007F



A800A6



008141



403940



80007E



000000

Previews

White Background



This preview shows how the Hex color 81007F looks on a white background.

Color Contrast Check

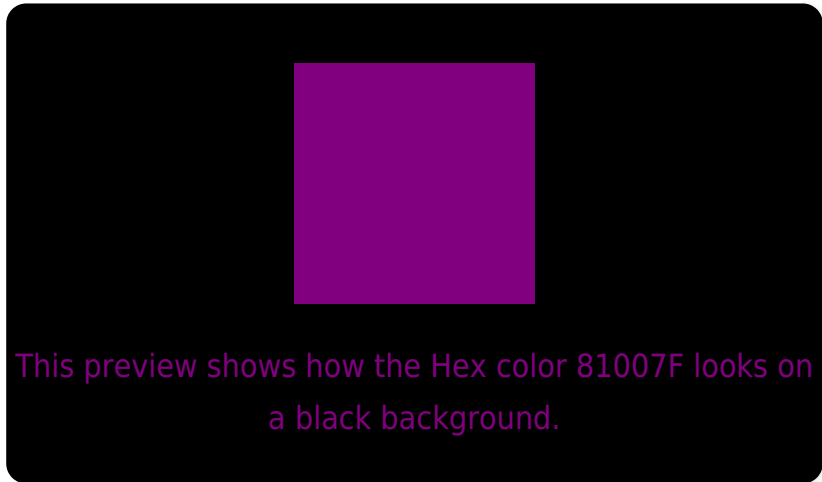
Large Text (above 18pt) WCAG AA ✓ Pass

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

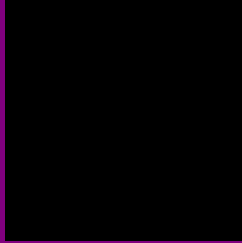
Any Text WCAG AA × Fail

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 81007F Background



This preview shows how black text looks on a background with the Hex color 81007F.



This preview shows how white text looks on a background with the Hex color 81007F.

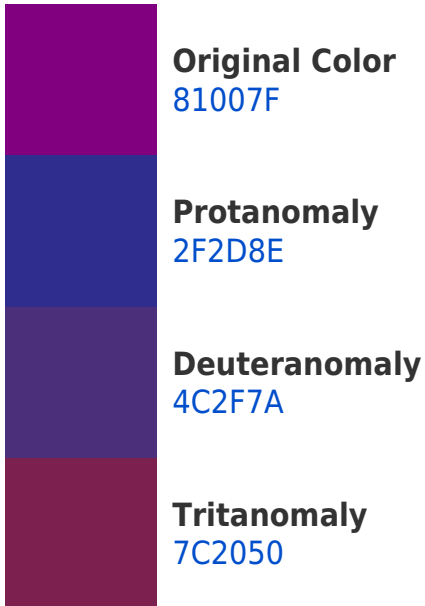
Color Blindness Simulation

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](#).

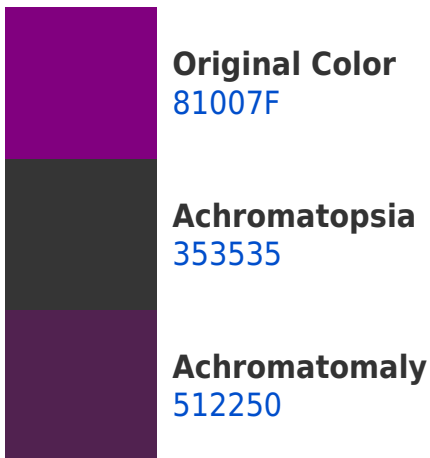
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81007F 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 #81007F looks like.

```
.text, #text, p{  
    color:#81007F  
}
```

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 #81007F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81007F
}
```

Border

The CSS property to change the border of an element to Hex 81007F is called "border". The border property can be set on classes, ids or directly on the HTML element.

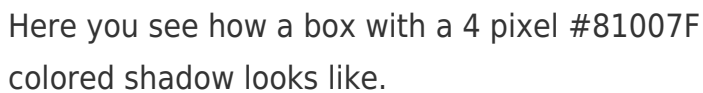
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81007F }
```

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

```
.border{ border-color:#81007F }
```

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



Here you see how a box with a 4 pixel #81007F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81007F; -webkit-box-shadow:4px 4px  
4px 4px #81007F; box-shadow:4px 4px 4px  
4px #81007F }
```

Background

The CSS property to change the background color of an element to Hex 81007F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81007F }
```

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

```
.background{ background-color:#81007F }
```

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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