

Converting Colors

Hex(8A007E)

Have a look what the booklet for
Hex(8A007E) contains.

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Color

Hex(8A007E)

Conversions

Conversions Part 1

Format	Color
Hex	8A007E
RGB	138, 0, 126
RGB Percent	54%, 0%, 49%
CMY	0.4588, 1.0000, 0.5059
CMYK	0.00, 1.00, 0.09, 0.46
HSL	305°, 100%, 27%
HSV	305°, 100%, 54%
XYZ	14.2471, 6.9096, 20.3214
YIQ	55.6260, 41.8020, 68.4420

Conversions

Conversions Part 2

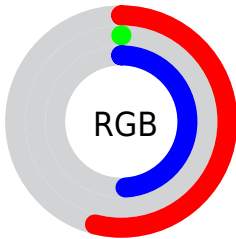
Format	Color
RYB	138, 0, 126
Decimal	9044094
CIELab	31.60, 60.43, -32.23
CIELCh	32, 68.485, 331.930
Yxy	6.9096, 0.3435, 0.1666
Android (android.graphics.Color)	4287234174 (0xFF8A007E)
YUV	55.6260, 34.6944, 72.2420
Hunter-Lab	26.2862, 50.7463, -27.4359

Details

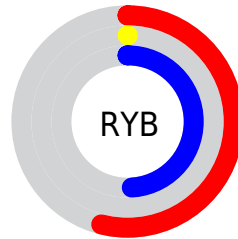
The Hex color **8A007E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **008A0C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **C34AB3**, and **53004C** is the 20% darker color. If you saturate the color by 10%, you get **8A007E**, and if you desaturate by 10%, it is **8A0E7F**.

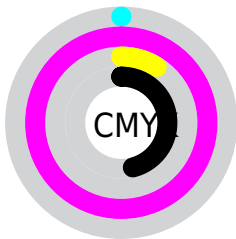
Distribution



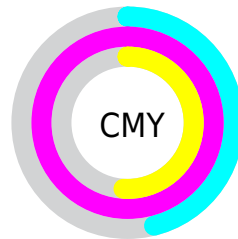
- Red (54%)
- Green (0%)
- Blue (49%)



- Red (54%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A007E 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 8A007E by changing the saturation by 10% instead.

 8A007E

 8A007E

FFFFFF

 6E0065

 C34AB3

 53004C

 E066CF

 3B0035

 FE82EB

 1E001F

 FF9EFF

 000001

 FFBBFF

 000000

 FFD7FF

 FFF5FF

 8A007E

 8A0E7F

 8A1C80

 8A2982

 8A3783

 8A4584

 8A5385

 8A6186

 8A6E88

 8A7C89

Harmonies

Analogous

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



4139A7



8A007E



A3004A

Triad

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



8A007E



594A00



005F83

Complementary

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



8A007E



008A0C

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.



005F4D



8A007E



1D5600

Square

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



8A007E



823100



005C10



005CAA

Rectangle

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



8A007E



A20027



005C10



006071

Sweetspot

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



8A007E



B37DAE



0C008A



593956



D9D9D9



595959

Same Dimension

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



8A007E



B300A3



8A0039



453E44



850079



050005

Inverse Universe

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



8A007E



B300A3



008A51



453E44



850079



050005

Previews

White Background



This preview shows how the Hex color 8A007E looks on a white background.

Color Contrast Check

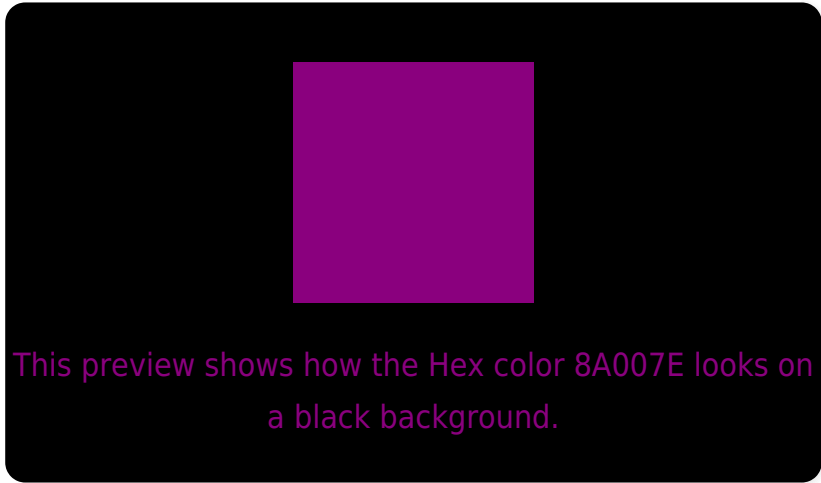
Large Text (above 18pt) WCAG AA ✓ Pass

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

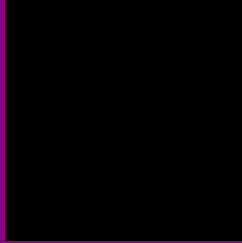
Any Text WCAG AA × Fail

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 8A007E Background



This preview shows how black text looks on a background with the Hex color 8A007E.



This preview shows how white text looks on a background with the Hex color 8A007E.

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
833235

Trichromacy



Original Color
8A007E

Protanomaly
323093

Deuteranomaly
563179

Tritanomaly
862050

Monochromacy



Original Color
8A007E

Achromatopsia
383838

Achromatomaly
562451

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A007E 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 #8A007E looks like.

```
.text, #text, p{  
    color:#8A007E  
}
```

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 #8A007E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A007E
}
```

Border

The CSS property to change the border of an element to Hex 8A007E is called "border". The border property can be set on classes, ids or directly on the HTML element.

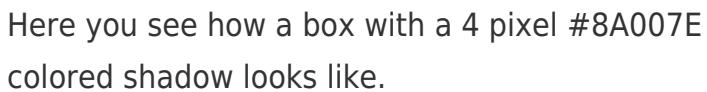
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A007E }
```

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

```
.border{ border-color:#8A007E }
```

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



Here you see how a box with a 4 pixel #8A007E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A007E; -webkit-box-shadow:4px 4px  
4px 4px #8A007E; box-shadow:4px 4px 4px  
4px #8A007E }
```

Background

The CSS property to change the background color of an element to Hex 8A007E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A007E }
```

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

```
.background{ background-color:#8A007E }
```

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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