

Converting Colors

Hex(4A007E)

Have a look what the booklet for
Hex(4A007E) contains.

Hex(4A007E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A007E)

Conversions

Conversions Part 1

Format	Color
Hex	4A007E
RGB	74, 0, 126
RGB Percent	29%, 0%, 49%
CMY	0.7098, 1.0000, 0.5059
CMYK	0.41, 1.00, 0.00, 0.51
HSL	275°, 100%, 25%
HSV	275°, 100%, 49%
XYZ	6.5899, 2.9622, 19.9631
YIQ	36.4900, 3.6580, 54.8740

Conversions

Conversions Part 2

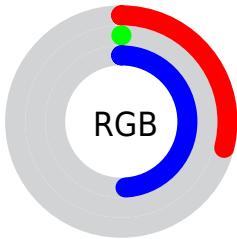
Format	Color
R_{YB}	74, 0, 126
Decimal	4849790
CIE _{Lab}	19.89, 50.70, -51.74
CIE _{LCh}	20, 72.439, 314.421
Yxy	2.9622, 0.2233, 0.1004
Android (android.graphics.Color)	4283039870 (0xFF4A007E)
YUV	36.4900, 44.1284, 32.8963
Hunter-Lab	17.2111, 38.2265, -56.7227

Details

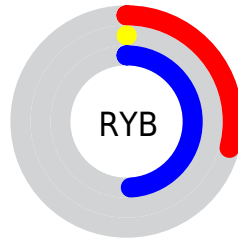
The Hex color **4A007E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **347E00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **813CB4**, and **16004C** is the 20% darker color. If you saturate the color by 10%, you get **4A007E**, and if you desaturate by 10%, it is **4F0D7E**.

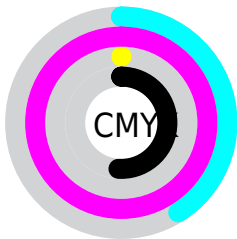
Distribution



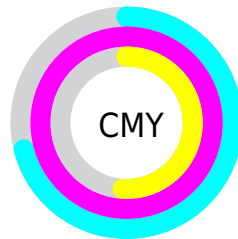
- Red (29%)
- Green (0%)
- Blue (49%)



- Red (29%)
- Yellow (0%)
- Blue (49%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A007E 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 4A007E by changing the saturation by 10% instead.

 4A007E

 4A007E

 FFFBFF

 2E0064

 813CB4

 16004C

 9D56D0

 000034

 B970EC

 00021E

 D68BFF

 000000

 F3A6FF

 FFC2FF

 FFDEFF

 4A007E

■ 4F0D7E

■ 54197E

■ 5A267E

■ 5F327E

■ 643F7E

■ 694C7E

■ 6E587E

■ 74657E

■ 79717E

Harmonies

Analogous

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



00319B



4A007E



7B004E

Triad

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



4A007E



522300



00424A

Complementary

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



4A007E



347E00

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.



004110



4A007E



243600

Square

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



4A007E



730000



003D00



00437B

Rectangle

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



4A007E



84002B



003D00



004237

Sweetspot

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



4A007E



8F72A3



00357E



453452



D1D1D1



525252

Same Dimension

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



4A007E



6000A3



7E0074



3D3940



4B0080



000000

Inverse Universe

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



7E0034



A30043



007E0A



40393C



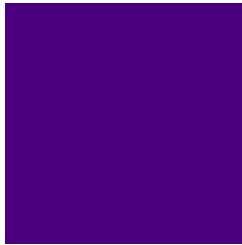
800035



000000

Previews

White Background



This preview shows how the Hex color 4A007E looks on a white background.

Color Contrast Check

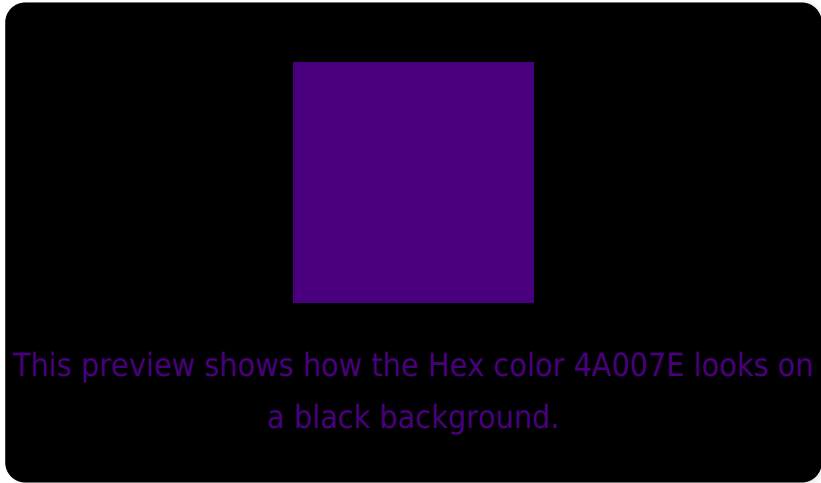
Large Text (above 18pt) WCAG AA ✓ Pass

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

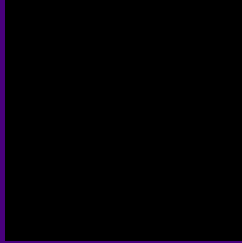
Any Text WCAG AA × Fail

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 4A007E Background



This preview shows how black text looks on a background with the Hex color 4A007E.



This preview shows how white text looks on a background with the Hex color 4A007E.

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



Original Color
4A007E

Protanopia
003269

Deuteranopia
00355A



Tritanopia
3A3135

Trichromacy



Original Color
4A007E

Protanomaly
1B2071

Deuteranomaly
1B2267

Tritanomaly
401F50

Monochromacy



Original Color
4A007E

Achromatopsia
242424

Achromatomaly
321745

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A007E 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 #4A007E looks like.

```
.text, #text, p{  
    color:#4A007E  
}
```

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 #4A007E colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 4A007E is called "border". The border property can be set on classes, ids or directly on the HTML element.

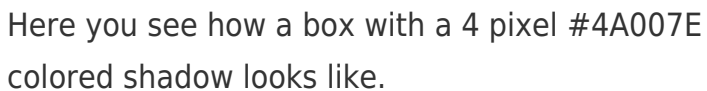
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

```
.border{ border-color:#4A007E }
```

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



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

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

Background

The CSS property to change the background color of an element to Hex 4A007E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A007E }
```

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

```
.background{ background-color:#4A007E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor