

Converting Colors

Hex(4B007D)

Have a look what the booklet for
Hex(4B007D) contains.

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Color

Hex(4B007D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 4B007D |
| RGB | 75, 0, 125 |
| RGB Percent | 29%, 0%, 49% |
| CMY | 0.7059, 1.0000, 0.5098 |
| CMYK | 0.40, 1.00, 0.00, 0.51 |
| HSL | 276°, 100%, 25% |
| HSV | 276°, 100%, 49% |
| XYZ | 6.6033, 2.9765, 19.6285 |
| YIQ | 36.6750, 4.5750, 54.7750 |

Conversions

Conversions Part 2

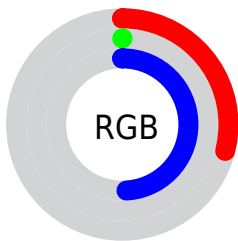
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 75, 0, 125 |
| Decimal | 4915325 |
| CIELab | 19.95, 50.59, -51.00 |
| CIElCh | 20, 71.836, 314.770 |
| Yxy | 2.9765, 0.2261, 0.1019 |
| Android (android.graphics.Color) | 4283105405 (0xFF4B007D) |
| YUV | 36.6750, 43.5442, 33.6110 |
| Hunter-Lab | 17.2526, 38.1276, -55.3782 |

Details

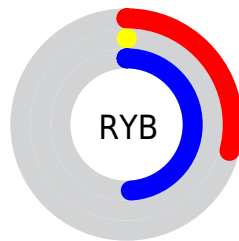
The Hex color **4B007D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **327D00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **823CB3**, and **18004B** is the 20% darker color. If you saturate the color by 10%, you get **4B007D**, and if you desaturate by 10%, it is **500C7D**.

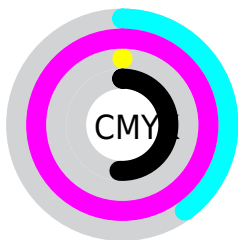
Distribution



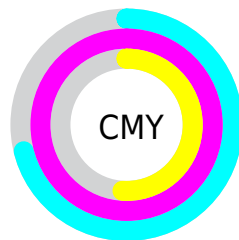
- Red (29%)
- Green (0%)
- Blue (49%)



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



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4B007D 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 4B007D by changing the saturation by 10% instead.

 4B007D

 4B007D

 FFFCFF

 2F0063

 823CB3

 18004B

 9D56CF

 000033

 BA70EB

 00021D

 D78BFF

 000000

 F4A6FF

 FFC2FF

 FFDFFF

 4B007D

■ 500C7D

■ 55197D

■ 5A267D

■ 5F327D

■ 643F7D

■ 694B7D

■ 6E577D

■ 73647D

■ 78717D

Harmonies

Analogous

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



00319A



4B007D



7A004D

Triad

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



4B007D



522300



00424A

Complementary

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



4B007D



327D00

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.



004111



4B007D



233600

Square

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



4B007D



720000



003E00



00437B

Rectangle

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



4B007D



83002B



003E00



004238

Sweetspot

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



4B007D



9072A3



00327D



463452



D1D1D1



525252

Same Dimension

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



4B007D



6200A3



7D0071



3D3940



4D0080



000000

Inverse Universe

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



7D0032



A30041



007D0C



40393C



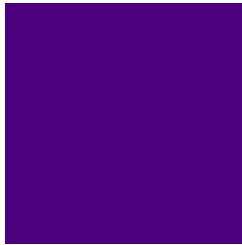
800033



000000

Previews

White Background



This preview shows how the Hex color 4B007D looks on a white background.

Color Contrast Check

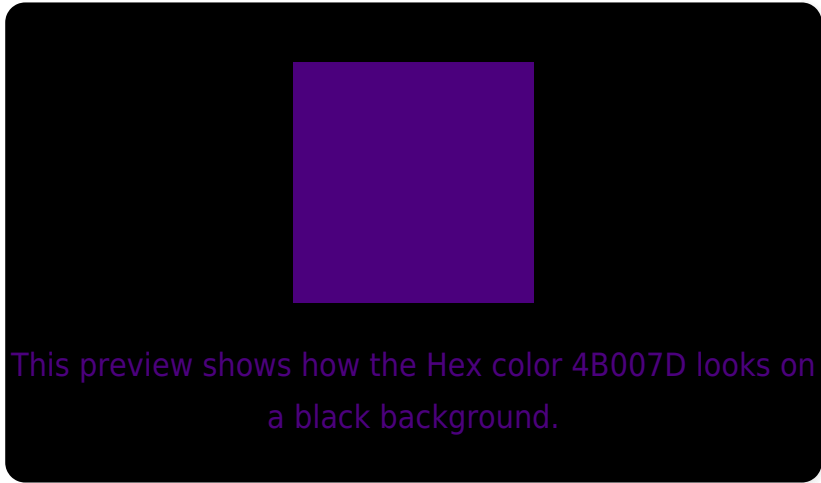
Large Text (above 18pt) WCAG AA ✓ Pass

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

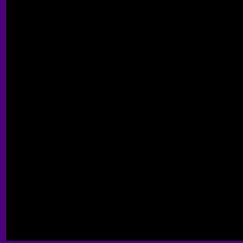
Any Text WCAG AA × Fail

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 4B007D Background



This preview shows how black text looks on a background with the Hex color 4B007D.



This preview shows how white text looks on a background with the Hex color 4B007D.

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](#).

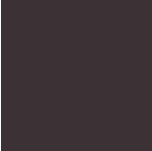
Dichromacy



Original Color
4B007D

Protanopia
003269

Deuteranopia
00355B



Tritanopia
3C3135

Trichromacy



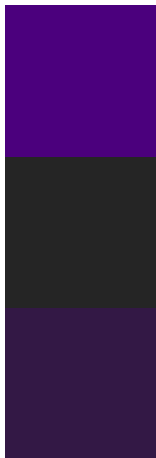
Original Color
4B007D

Protanomaly
1B2070

Deuteranomaly
1B2267

Tritanomaly
411F4F

Monochromacy



Original Color
4B007D

Achromatopsia
252525

Achromatomaly
331845

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B007D 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 #4B007D looks like.

```
.text, #text, p{  
    color:#4B007D  
}
```

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 #4B007D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B007D
}
```

Border

The CSS property to change the border of an element to Hex 4B007D is called "border". The border property can be set on classes, ids or directly on the HTML element.

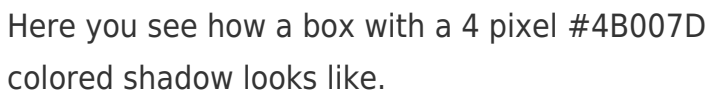
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B007D }
```

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

```
.border{ border-color:#4B007D }
```

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



Here you see how a box with a 4 pixel #4B007D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B007D; -webkit-box-shadow:4px 4px  
4px 4px #4B007D; box-shadow:4px 4px 4px  
4px #4B007D }
```

Background

The CSS property to change the background color of an element to Hex 4B007D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B007D }
```

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

```
.background{ background-color:#4B007D }
```

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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