

Converting Colors

Hex(4D009C)

Have a look what the booklet for
Hex(4D009C) contains.

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Color

Hex(4D009C)

Conversions

Conversions Part 1

Format	Color
Hex	4D009C
RGB	77, 0, 156
RGB Percent	30%, 0%, 61%
CMY	0.6980, 1.0000, 0.3882
CMYK	0.51, 1.00, 0.00, 0.39
HSL	270°, 100%, 31%
HSV	270°, 100%, 61%
XYZ	9.0613, 3.9781, 31.7428
YIQ	40.8070, -4.1840, 64.8400

Conversions

Conversions Part 2

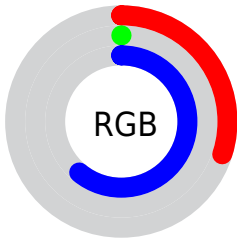
Format	Color
RYB	77, 0, 156
Decimal	5046428
CIELab	23.60, 57.73, -64.34
CIELCh	24, 86.442, 311.899
Yxy	3.9781, 0.2023, 0.0888
Android (android.graphics.Color)	4283236508 (0xFF4D009C)
YUV	40.8070, 56.7901, 31.7413
Hunter-Lab	19.9451, 46.1908, -80.3987

Details

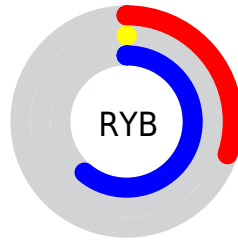
The Hex color **4D009C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4F9C00**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8740D4**, and **020067** is the 20% darker color. If you saturate the color by 10%, you get **4D009C**, and if you desaturate by 10%, it is **55109C**.

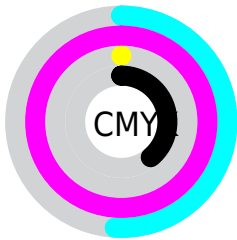
Distribution



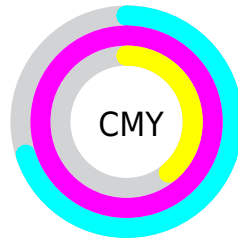
- Red (30%)
- Green (0%)
- Blue (61%)



- Red (30%)
- Yellow (0%)
- Blue (61%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D009C 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 4D009C by changing the saturation by 10% instead.

 4D009C

 4D009C

FFFFFF

 2E0081

 8740D4

 020067

 A45AF1

 00004E

 C175FF

 000536

 DF90FF

 000220

 FDACFF

 000004

 FFC8FF

 000000

 FFE5FF

 4D009C

■ 55109C

■ 5D1F9C

■ 652F9C

■ 6D3E9C

■ 754E9C

■ 7C5E9C

■ 846D9C

■ 8C7D9C

■ 948C9C

Harmonies

Analogous

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



003CBD



4D009C



900062

Triad

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



4D009C



652400



004D52

Complementary

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



4D009C



4F9C00

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.



004B08



4D009C



2E3E00

Square

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



4D009C



8B0000



004800



004E90

Rectangle

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



4D009C



9D0038



004800



004C3B

Sweetspot

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



4D009C



AD8FCC



00519C



534166



E6E6E6



666666

Same Dimension

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



4D009C



6500CC



99009C



4B474F



46008F



08000F

Inverse Universe

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



9C004F



CC0067



039C00



4F474B



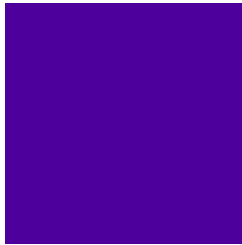
8F0048



0F0008

Previews

White Background



This preview shows how the Hex color 4D009C looks on a white background.

Color Contrast Check

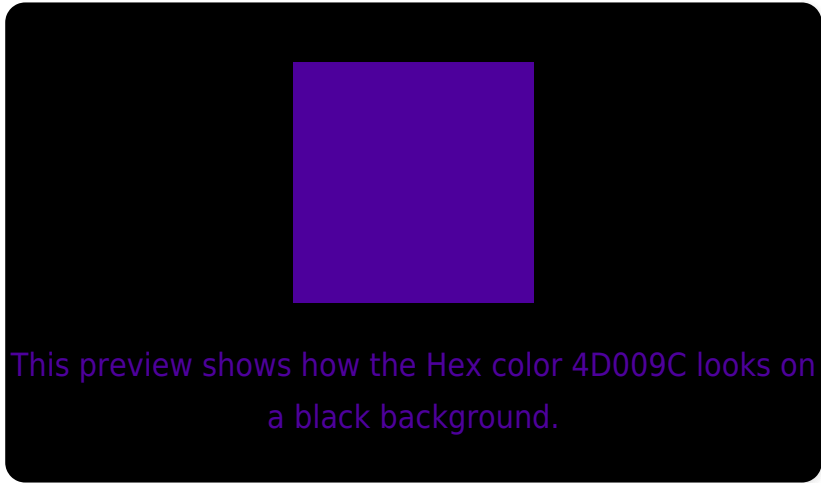
Large Text (above 18pt) WCAG AA ✓ Pass

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

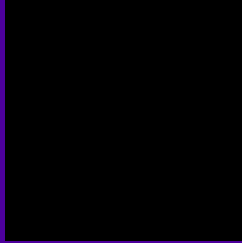
Any Text WCAG AA × Fail

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 4D009C Background



This preview shows how black text looks on a background with the Hex color 4D009C.



This preview shows how white text looks on a background with the Hex color 4D009C.

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](#).

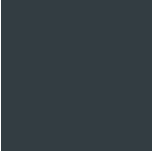
Dichromacy



Original Color
4D009C

Protanopia
003978

Deuteranopia
003D67



Tritanopia
333D42

Trichromacy



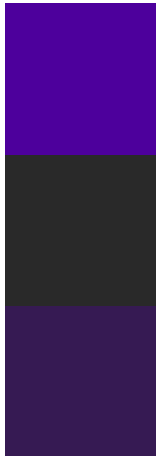
Original Color
4D009C

Protanomaly
1C2485

Deuteranomaly
1C277A

Tritanomaly
3C2763

Monochromacy



Original Color
4D009C

Achromatopsia
292929

Achromatomaly
361A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D009C 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 #4D009C looks like.

```
.text, #text, p{  
    color:#4D009C  
}
```

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 #4D009C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D009C
}
```

Border

The CSS property to change the border of an element to Hex 4D009C is called "border". The border property can be set on classes, ids or directly on the HTML element.

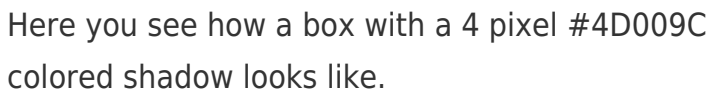
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D009C }
```

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

```
.border{ border-color:#4D009C }
```

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



Here you see how a box with a 4 pixel #4D009C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D009C; -webkit-box-shadow:4px 4px  
4px 4px #4D009C; box-shadow:4px 4px 4px  
4px #4D009C }
```

Background

The CSS property to change the background color of an element to Hex 4D009C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D009C }
```

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

```
.background{ background-color:#4D009C }
```

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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