

Converting Colors

Hex(4F009E)

Have a look what the booklet for
Hex(4F009E) contains.

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Color

Hex(4F009E)

Conversions

Conversions Part 1

Format	Color
Hex	4F009E
RGB	79, 0, 158
RGB Percent	31%, 0%, 62%
CMY	0.6902, 1.0000, 0.3804
CMYK	0.50, 1.00, 0.00, 0.38
HSL	270°, 100%, 31%
HSV	270°, 100%, 62%
XYZ	9.3960, 4.1309, 32.6499
YIQ	41.6330, -3.6340, 65.8860

Conversions

Conversions Part 2

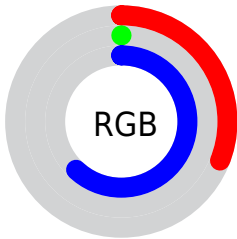
Format	Color
R_{YB}	79, 0, 158
Decimal	5177502
CIE _{Lab}	24.10, 58.35, -64.73
CIE _{LCh}	24, 87.146, 312.032
Yxy	4.1309, 0.2035, 0.0895
Android (android.graphics.Color)	4283367582 (0xFF4F009E)
YUV	41.6330, 57.3689, 32.7709
Hunter-Lab	20.3246, 46.9521, -81.0176

Details

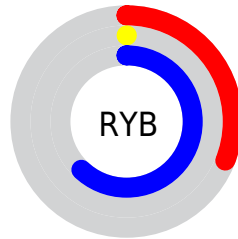
The Hex color **4F009E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4F9E00**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **8941D6**, and **050069** is the 20% darker color. If you saturate the color by 10%, you get **4F009E**, and if you desaturate by 10%, it is **57109E**.

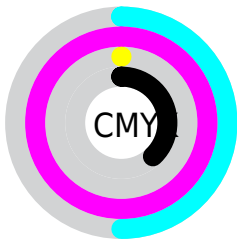
Distribution



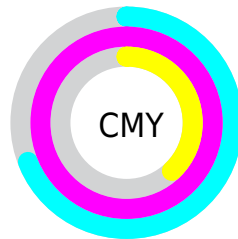
- Red (31%)
- Green (0%)
- Blue (62%)



- Red (31%)
- Yellow (0%)
- Blue (62%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F009E 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 4F009E by changing the saturation by 10% instead.

 4F009E

 4F009E

FFFFFF

 300083

 8941D6

 050069

 A65BF3

 000050

 C376FF

 000538

 E191FF

 000221

 FFACFF

 000007

 FFC9FF

 000000

 FFE5FF

 4F009E

■ 57109E

■ 5F209E

■ 672F9E

■ 6F3F9E

■ 774F9E

■ 7E5F9E

■ 866F9E

■ 8E7E9E

■ 968E9E

Harmonies

Analogous

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



003DBF



4F009E



920063

Triad

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



4F009E



662500



004E53

Complementary

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



4F009E



4F9E00

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.



004C09



4F009E



2E3F00

Square

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



4F009E



8D0000



004900



005093

Rectangle

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



4F009E



A00039



004900



004E3D

Sweetspot

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



4F009E



B091CF



004F9E



564369



E8E8E8



696969

Same Dimension

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



4F009E



6700CF



9E009E



4B474F



47008F



08000F

Inverse Universe

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



9E004F



CF0067



009E00



4F474B



8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 4F009E looks on a white background.

Color Contrast Check

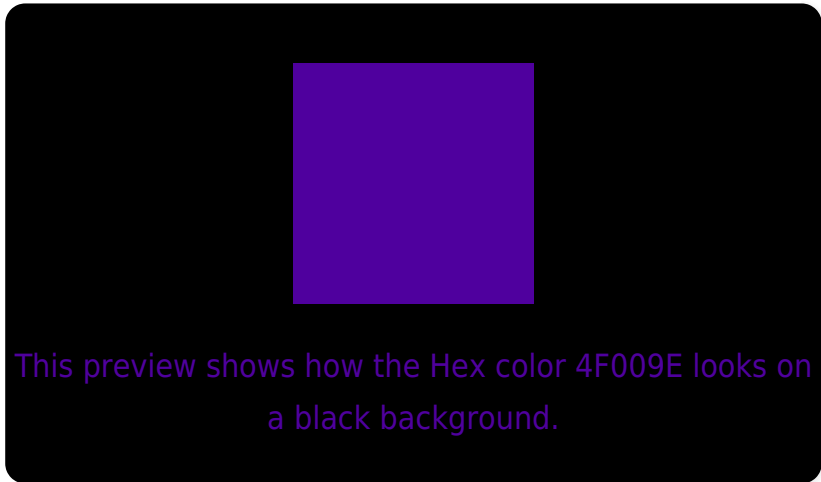
Large Text (above 18pt) WCAG AA ✓ Pass

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

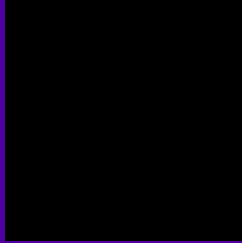
Any Text WCAG AA × Fail

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 4F009E Background



This preview shows how black text looks on a background with the Hex color 4F009E.



This preview shows how white text looks on a background with the Hex color 4F009E.

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](#).

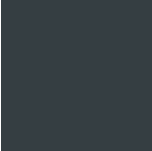
Dichromacy



Original Color
4F009E

Protanopia
003A7A

Deuteranopia
003E69



Tritanopia
353E42

Trichromacy



Original Color
4F009E

Protanomaly
1D2587

Deuteranomaly
1D277C

Tritanomaly
3E2763

Monochromacy



Original Color
4F009E

Achromatopsia
2A2A2A

Achromatomaly
371B54

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F009E 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 #4F009E looks like.

```
.text, #text, p{  
    color:#4F009E  
}
```

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 #4F009E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F009E
}
```

Border

The CSS property to change the border of an element to Hex 4F009E is called "border". The border property can be set on classes, ids or directly on the HTML element.

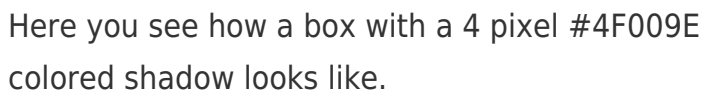
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F009E }
```

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

```
.border{ border-color:#4F009E }
```

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



Here you see how a box with a 4 pixel #4F009E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F009E; -webkit-box-shadow:4px 4px  
4px 4px #4F009E; box-shadow:4px 4px 4px  
4px #4F009E }
```

Background

The CSS property to change the background color of an element to Hex 4F009E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F009E }
```

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

```
.background{ background-color:#4F009E }
```

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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