

Converting Colors

Hex(46039A)

Have a look what the booklet for
Hex(46039A) contains.

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Color

Hex(46039A)

Conversions

Conversions Part 1

Format	Color
Hex	46039A
RGB	70, 3, 154
RGB Percent	27%, 1%, 60%
CMY	0.7255, 0.9882, 0.3961
CMYK	0.55, 0.98, 0.00, 0.40
HSL	267°, 96%, 31%
HSV	267°, 98%, 60%
XYZ	8.3911, 3.7003, 30.8438
YIQ	40.2470, -8.5390, 61.1650

Conversions

Conversions Part 2

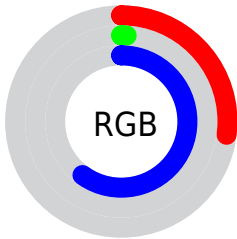
Format	Color
R_{YB}	70, 3, 154
Decimal	4588442
CIE _{Lab}	22.65, 56.02, -64.70
CIE _{LCh}	23, 85.586, 310.886
Yxy	3.7003, 0.1954, 0.0862
Android (android.graphics.Color)	4282778522 (0xFF46039A)
YUV	40.2470, 56.0802, 26.0934
Hunter-Lab	19.2362, 44.2008, -81.6018

Details

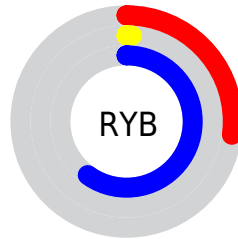
The Hex color **46039A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **579A03**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8040D2**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **44009A**, and if you desaturate by 10%, it is **4F129A**.

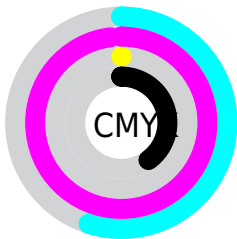
Distribution



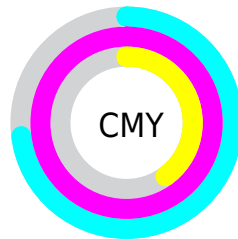
- Red (27%)
- Green (1%)
- Blue (60%)



- Red (27%)
- Yellow (1%)
- Blue (60%)



- Cyan (55%)
- Magenta (98%)
- Yellow (0%)
- Black (40%)



- Cyan (73%)
- Magenta (99%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46039A 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 46039A by changing the saturation by 10% instead.

46039A

46039A

FFFFFF

25007F

8040D2

000065

9D5AEE

00004C

BB74FF

000534

D88FFF

00021E

F6ABFF

000001

FFC7FF

000000

FFE3FF

46039A

46039A

■ 44009A

■ 4F129A

■ 57229A

■ 60319A

■ 68419A

■ 71509A

■ 795F9A

■ 826F9A

■ 8B7E9A

■ 938E9A

Harmonies

Analogous

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



003BB9



46039A



8B0062

Triad

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



46039A



632100



004A4D

Complementary

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



46039A



579A03

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.



004903



46039A



2E3B00

Square

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



46039A



880000



004500



004C8B

Rectangle

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



46039A



990038



004500



004A37

Sweetspot

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



46039A



A98FC9



03599A



524266



E6E6E6



666666

Same Dimension

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



46039A



5900C9



90039A



48454D



3E008C



06000D

Inverse Universe

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



9A0357



C90070



0D9A03



4D4549



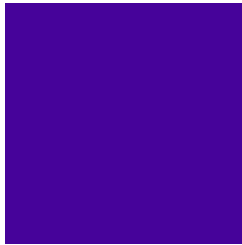
8C004E



0D0007

Previews

White Background



This preview shows how the Hex color 46039A looks on a white background.

Color Contrast Check

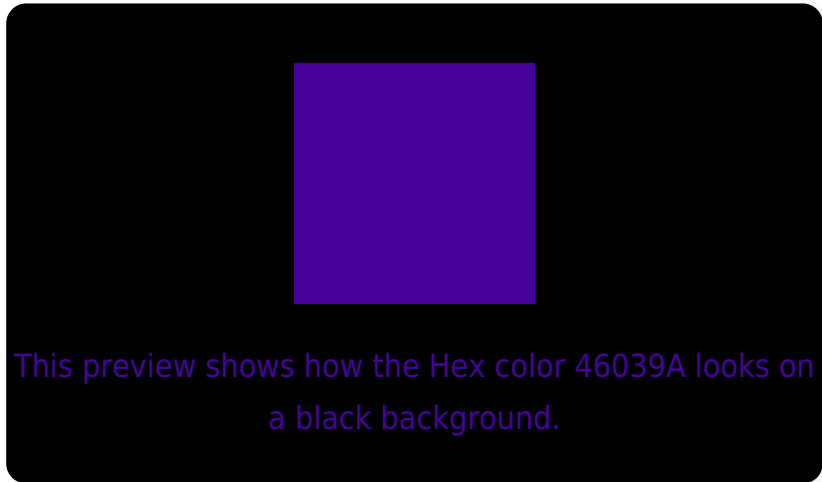
Large Text (above 18pt) WCAG AA ✓ Pass

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

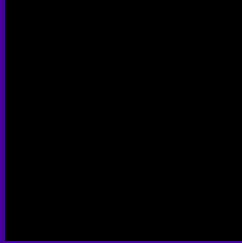
Any Text WCAG AA × Fail

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 46039A Background



This preview shows how black text looks on a background with the Hex color 46039A.



This preview shows how white text looks on a background with the Hex color 46039A.

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
46039A

Protanopia
003773

Deuteranopia
003B62



Tritanopia
283C41

Trichromacy



Original Color
46039A

Protanomaly
192481

Deuteranomaly
192776

Tritanomaly
332761

Monochromacy



Original Color
46039A

Achromatopsia
282828

Achromatomaly
331B51

CSS Examples

Text

The CSS property to change the color of the text to Hex 46039A 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 #46039A looks like.

```
.text, #text, p{  
    color:#46039A  
}
```

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 #46039A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46039A
}
```

Border

The CSS property to change the border of an element to Hex 46039A is called "border". The border property can be set on classes, ids or directly on the HTML element.

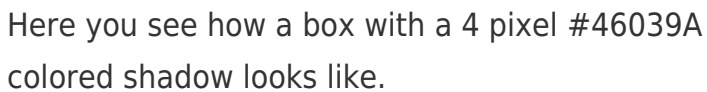
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46039A }
```

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

```
.border{ border-color:#46039A }
```

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



Here you see how a box with a 4 pixel #46039A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46039A; -webkit-box-shadow:4px 4px  
4px 4px #46039A; box-shadow:4px 4px 4px  
4px #46039A }
```

Background

The CSS property to change the background color of an element to Hex 46039A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46039A }
```

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

```
.background{ background-color:#46039A }
```

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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