

Converting Colors

Hex(4A038F)

Have a look what the booklet for
Hex(4A038F) contains.

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Color

Hex(4A038F)

Conversions

Conversions Part 1

Format	Color
Hex	4A038F
RGB	74, 3, 143
RGB Percent	29%, 1%, 56%
CMY	0.7098, 0.9882, 0.4392
CMYK	0.48, 0.98, 0.00, 0.44
HSL	270°, 96%, 29%
HSV	270°, 98%, 56%
XYZ	7.8145, 3.5041, 26.2511
YIQ	40.1890, -2.6240, 58.5920

Conversions

Conversions Part 2

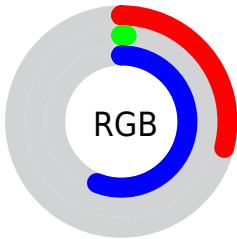
Format	Color
R_{YB}	74, 3, 143
Decimal	4850575
CIE _{Lab}	21.96, 53.80, -59.03
CIE _{LCh}	22, 79.868, 312.345
Yxy	3.5041, 0.2080, 0.0933
Android (android.graphics.Color)	4283040655 (0xFF4A038F)
YUV	40.1890, 50.6858, 29.6522
Hunter-Lab	18.7194, 41.7572, -70.0418

Details

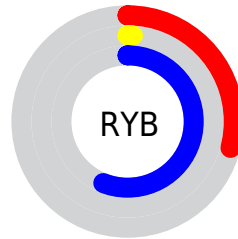
The Hex color **4A038F** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **488F03**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **833FC6**, and **09005B** is the 20% darker color. If you saturate the color by 10%, you get **49008F**, and if you desaturate by 10%, it is **51118F**.

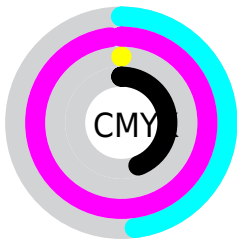
Distribution



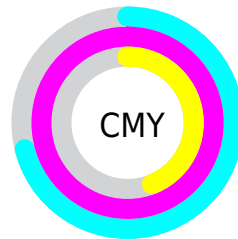
- Red (29%)
- Green (1%)
- Blue (56%)



- Red (29%)
- Yellow (1%)
- Blue (56%)



- Cyan (48%)
- Magenta (98%)
- Yellow (0%)
- Black (44%)



- Cyan (71%)
- Magenta (99%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A038F 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 4A038F by changing the saturation by 10% instead.

 4A038F

 4A038F

FFFFFF

 2C0075

 833FC6

 09005B

 9F59E2

 000043

 BC74FF

 00032B

 D98FFF

 000116

 F7AAFF

 000000

 FFC6FF

 FFE3FF

 4A038F

 4A038F

■ 49008F

■ 51118F

■ 58208F

■ 5F2E8F

■ 663C8F

■ 6D4A8F

■ 74598F

■ 7B678F

■ 82758F

■ 89848F

Harmonies

Analogous

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



0038AD



4A038F



86005A

Triad

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



4A038F



5D2300



00484D

Complementary

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



4A038F



488F03

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.



00460A



4A038F



2B3A00

Square

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



4A038F



810000



004300



004986

Rectangle

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



4A038F



910033



004300



004838

Sweetspot

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



4A038F



A084BA



03498F



4E3D5E



DEDEDE



5E5E5E

Same Dimension

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



4A038F



5E00BA



8F038F



444047



450087



040008

Inverse Universe

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



8F0348



BA005C



038F03



474044



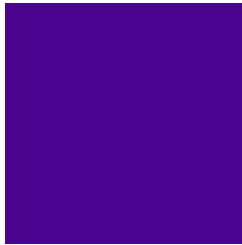
870043



080004

Previews

White Background



This preview shows how the Hex color 4A038F looks on a white background.

Color Contrast Check

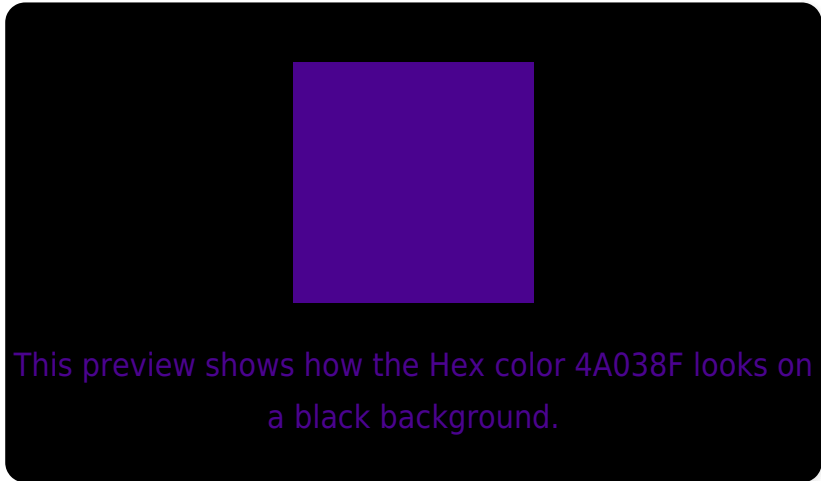
Large Text (above 18pt) WCAG AA ✓ Pass

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

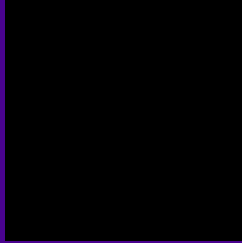
Any Text WCAG AA × Fail

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 4A038F Background



This preview shows how black text looks on a background with the Hex color 4A038F.



This preview shows how white text looks on a background with the Hex color 4A038F.

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](#).

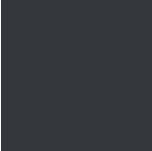
Dichromacy



Original Color
4A038F

Protanopia
003671

Deuteranopia
003960



Tritanopia
34383C

Trichromacy



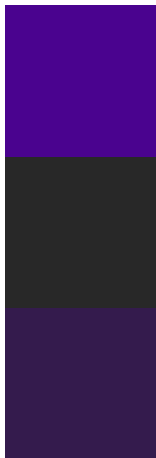
Original Color
4A038F

Protanomaly
1B237C

Deuteranomaly
1B2571

Tritanomaly
3C255A

Monochromacy



Original Color
4A038F

Achromatopsia
282828

Achromatomaly
341B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A038F 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 #4A038F looks like.

```
.text, #text, p{  
    color:#4A038F  
}
```

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 #4A038F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A038F
}
```

Border

The CSS property to change the border of an element to Hex 4A038F is called "border". The border property can be set on classes, ids or directly on the HTML element.

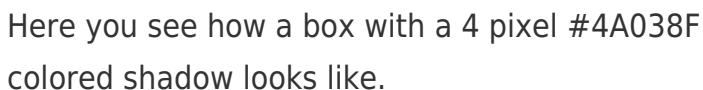
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A038F }
```

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

```
.border{ border-color:#4A038F }
```

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



Here you see how a box with a 4 pixel #4A038F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A038F; -webkit-box-shadow:4px 4px  
4px 4px #4A038F; box-shadow:4px 4px 4px  
4px #4A038F }
```

Background

The CSS property to change the background color of an element to Hex 4A038F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A038F }
```

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

```
.background{ background-color:#4A038F }
```

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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