

Converting Colors

Hex(4A002F)

Have a look what the booklet for
Hex(4A002F) contains.

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Color

Hex(4A002F)

Conversions

Conversions Part 1

Format	Color
Hex	4A002F
RGB	74, 0, 47
RGB Percent	29%, 0%, 18%
CMY	0.7098, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.36, 0.71
HSL	322°, 100%, 15%
HSV	322°, 100%, 29%
XYZ	3.3371, 1.6611, 2.8341
YIQ	27.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

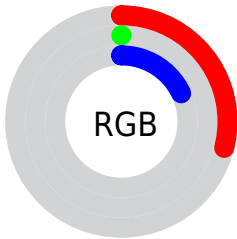
Format	Color
RYB	74, 0, 47
Decimal	4849711
CIELab	13.60, 36.15, -8.24
CIElCh	14, 37.077, 347.157
Yxy	1.6611, 0.4261, 0.2121
Android (android.graphics.Color)	4283039791 (0xFF4A002F)
YUV	27.4840, 9.6214, 40.7945
Hunter-Lab	12.8883, 23.6640, -4.0157

Details

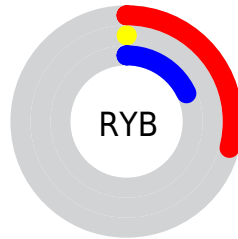
The Hex color **4A002F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004A1B**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7E365D**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **4A002F**, and if you desaturate by 10%, it is **4A0732**.

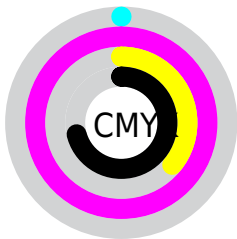
Distribution



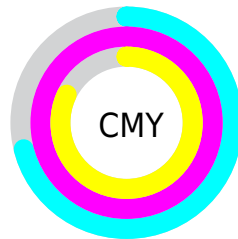
- Red (29%)
- Green (0%)
- Blue (18%)



- Red (29%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A002F 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 4A002F by changing the saturation by 10% instead.

 4A002F

 4A002F

 FFF0FF

 32001A

 7E365D

 140000

 994E76

 000000

 B5688F

 D182AA

 EE9CC5

 FFB8E1

 FFD4FE

 4A002F

■ 4A0732

■ 4A0F34

■ 4A1637

■ 4A1E3A

■ 4A253D

■ 4A2C3F

■ 4A3442

■ 4A3B45

■ 4A4347

Harmonies

Analogous

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



351346



4A002F



4E0015

Triad

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



4A002F



1F2600



002D49

Complementary

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



4A002F



004A1B

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.



002E31



4A002F



002B00

Square

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



4A002F



351E00



002D16



002956

Rectangle

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



4A002F



4B0900



002D16



002D42

Sweetspot

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



4A002F



614456



1A004A



301F2A



B0B0B0



303030

Same Dimension

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



4A002F



61003E



4A000B



262225



660041



E60092

Inverse Universe

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



4A002F



61003E



004A3F



262225



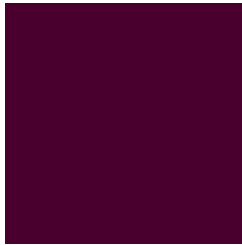
660041



E60092

Previews

White Background



This preview shows how the Hex color 4A002F looks on a white background.

Color Contrast Check

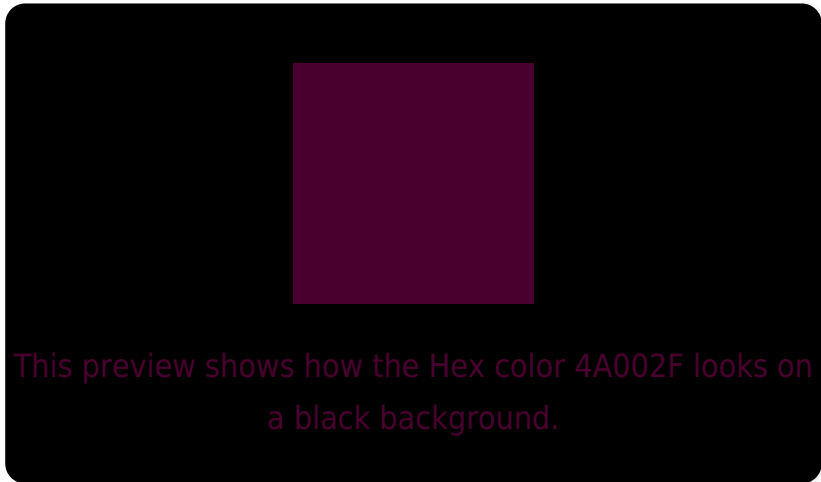
Large Text (above 18pt) WCAG AA ✓ Pass

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

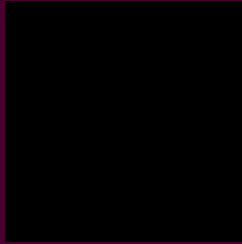
Any Text WCAG AA × Fail

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 4A002F Background



This preview shows how black text looks on a background with the Hex color 4A002F.



This preview shows how white text looks on a background with the Hex color 4A002F.

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
4A002F

Protanopia
1B2643

Deuteranopia
29262C



Tritanopia
481313

Trichromacy



Original Color
4A002F

Protanomaly
2C183C

Deuteranomaly
35182D

Tritanomaly
490C1D

Monochromacy



Original Color
4A002F

Achromatopsia
1B1B1B

Achromatomaly
2C1122

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A002F 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 #4A002F looks like.

```
.text, #text, p{  
    color:#4A002F  
}
```

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 #4A002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A002F
}
```

Border

The CSS property to change the border of an element to Hex 4A002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

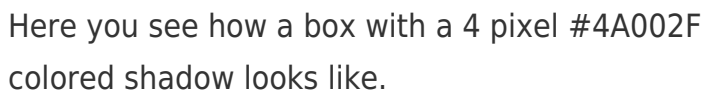
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A002F }
```

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

```
.border{ border-color:#4A002F }
```

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



Here you see how a box with a 4 pixel #4A002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A002F; -webkit-box-shadow:4px 4px  
4px 4px #4A002F; box-shadow:4px 4px 4px  
4px #4A002F }
```

Background

The CSS property to change the background color of an element to Hex 4A002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A002F }
```

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

```
.background{ background-color:#4A002F }
```

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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