

Converting Colors

Hex(4D002B)

Have a look what the booklet for
Hex(4D002B) contains.

Hex(4D002B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D002B)

Conversions

Conversions Part 1

Format	Color
Hex	4D002B
RGB	77, 0, 43
RGB Percent	30%, 0%, 17%
CMY	0.6980, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.44, 0.70
HSL	326°, 100%, 15%
HSV	326°, 100%, 30%
XYZ	3.4966, 1.7522, 2.4394
YIQ	27.9250, 32.0890, 29.6970

Conversions

Conversions Part 2

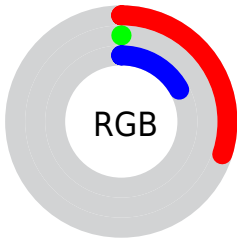
Format	Color
RYB	77, 0, 43
Decimal	5046315
CIELab	14.13, 36.43, -4.44
CIELCh	14, 36.695, 353.058
Yxy	1.7522, 0.4548, 0.2279
Android (android.graphics.Color)	4283236395 (0xFF4D002B)
YUV	27.9250, 7.4320, 43.0388
Hunter-Lab	13.2371, 23.9865, -1.6604

Details

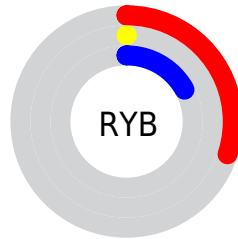
The Hex color **4D002B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004D22**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **823658**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **4D002B**, and if you desaturate by 10%, it is **4D082E**.

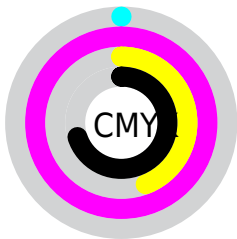
Distribution



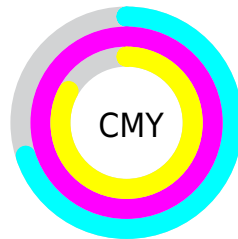
- Red (30%)
- Green (0%)
- Blue (17%)



- Red (30%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D002B 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 4D002B by changing the saturation by 10% instead.

 4D002B

 4D002B

 FFF1FF

 350017

 823658

 170000

 9D4F71

 000000

 B9688A

 D582A4

 F39DC0

 FFB9DB

 FFD5F8

 4D002B

■ 4D082E

■ 4D0F32

■ 4D1735

■ 4D1F39

■ 4D273C

■ 4D2E3F

■ 4D3643

■ 4D3E46

■ 4D454A

Harmonies

Analogous

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



3C1143



4D002B



4F0311

Triad

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



4D002B



1B2800



002D4D

Complementary

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



4D002B



004D22

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.



002F37



4D002B



002C00

Square

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



4D002B



332100



002E1D



002958

Rectangle

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



4D002B



4A0E00



002E1D



002E47

Sweetspot

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



4D002B



634656



21004D



33212B



B3B3B3



333333

Same Dimension

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



4D002B



630038



4D0005



262225



660039



E60080

Inverse Universe

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



4D002B



630038



004D48



262225



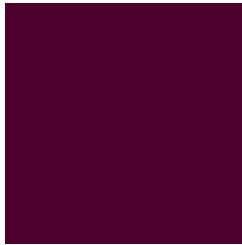
660039



E60080

Previews

White Background



This preview shows how the Hex color 4D002B looks on a white background.

Color Contrast Check

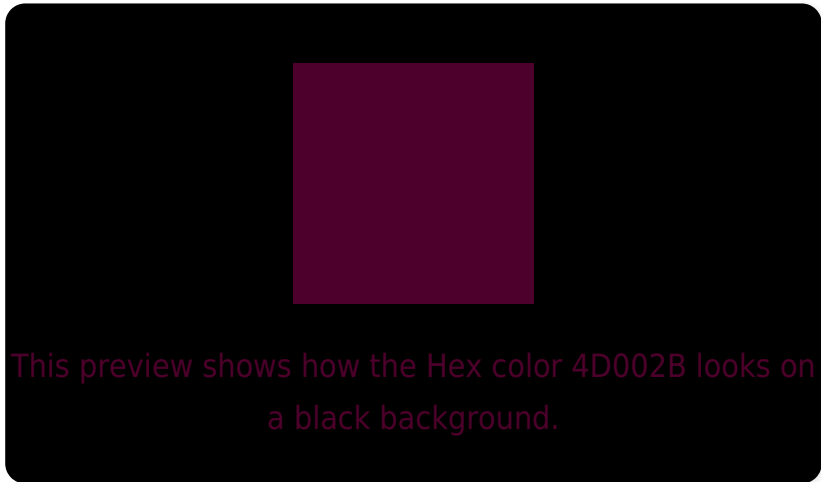
Large Text (above 18pt) WCAG AA ✓ Pass

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

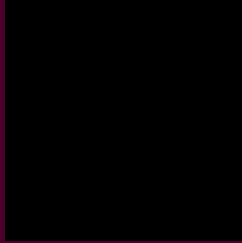
Any Text WCAG AA × Fail

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 4D002B Background



This preview shows how black text looks on a background with the Hex color 4D002B.



This preview shows how white text looks on a background with the Hex color 4D002B.

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
4D002B

Protanopia
21283E

Deuteranopia
2C2728



Tritanopia
4C1111

Trichromacy



Original Color
4D002B

Protanomaly
311937

Deuteranomaly
381929

Tritanomaly
4C0B1A

Monochromacy



Original Color
4D002B

Achromatopsia
1C1C1C

Achromatomaly
2E1221

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D002B 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 #4D002B looks like.

```
.text, #text, p{  
    color:#4D002B  
}
```

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 #4D002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D002B
}
```

Border

The CSS property to change the border of an element to Hex 4D002B 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".

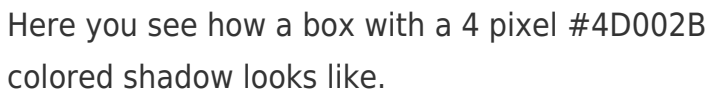
```
.border, #border, table{ border:4px solid
#4D002B }
```

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

```
.border{ border-color:#4D002B }
```

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

Here you see how a box with a 4 pixel #4D002B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4D002B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D002B; -webkit-box-shadow:4px 4px  
4px 4px #4D002B; box-shadow:4px 4px 4px  
4px #4D002B }
```

Background

The CSS property to change the background color of an element to Hex 4D002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D002B }
```

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

```
.background{ background-color:#4D002B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor