

Converting Colors

Hex(48002B)

Have a look what the booklet for
Hex(48002B) contains.

Hex(48002B)	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(48002B)

Conversions

Conversions Part 1

Format	Color
Hex	48002B
RGB	72, 0, 43
RGB Percent	28%, 0%, 17%
CMY	0.7176, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.40, 0.72
HSL	324°, 100%, 14%
HSV	324°, 100%, 28%
XYZ	3.1085, 1.5521, 2.4213
YIQ	26.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

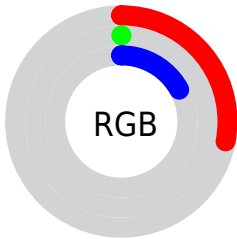
Format	Color
R_{YB}	72, 0, 43
Decimal	4718635
CIE Lab	12.94, 35.17, -6.35
CIE LCh	13, 35.744, 349.763
Yxy	1.5521, 0.4389, 0.2192
Android (android.graphics.Color)	4282908715 (0xFF48002B)
YUV	26.4300, 8.1690, 39.9649
Hunter-Lab	12.4585, 22.7355, -2.8018

Details

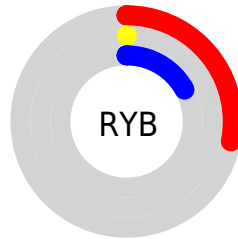
The Hex color **48002B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00481D**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **7C3558**, and **0C0000** is the 20% darker color. If you saturate the color by 10%, you get **48002B**, and if you desaturate by 10%, it is **48072E**.

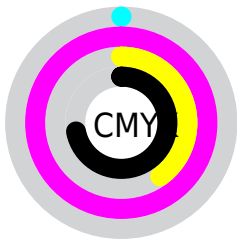
Distribution



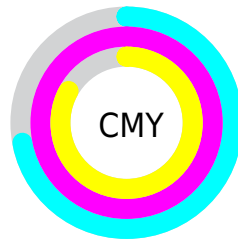
- Red (28%)
- Green (0%)
- Blue (17%)



- Red (28%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48002B 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 48002B by changing the saturation by 10% instead.

 48002B

 48002B

 FFEFFF

 310017

 7C3558

 0C0000

 974D71

 000000

 B3678A

 CF80A5

 EC9BC0

 FFB6DB

 FFD2F8

 48002B

■ 48072E

■ 480E31

■ 481634

■ 481D37

■ 48243A

■ 482B3C

■ 48323F

■ 483A42

■ 484145

Harmonies

Analogous

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



361142



48002B



4B0112

Triad

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



48002B



1C2500



002B47

Complementary

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



48002B



00481D

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.



002C32



48002B



002900

Square

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



48002B



321D00



002C18



002753

Rectangle

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



48002B



470A00



002C18



002B41

Sweetspot

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



48002B



5E4253



1D0048



301F29



B0B0B0



303030

Same Dimension

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



48002B



5E0038



480007



242022



63003B



E30088

Inverse Universe

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



48002B



5E0038



004841



242022



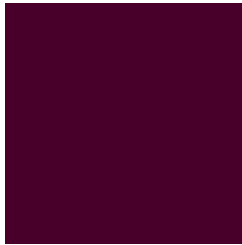
63003B



E30088

Previews

White Background



This preview shows how the Hex color 48002B looks on a white background.

Color Contrast Check

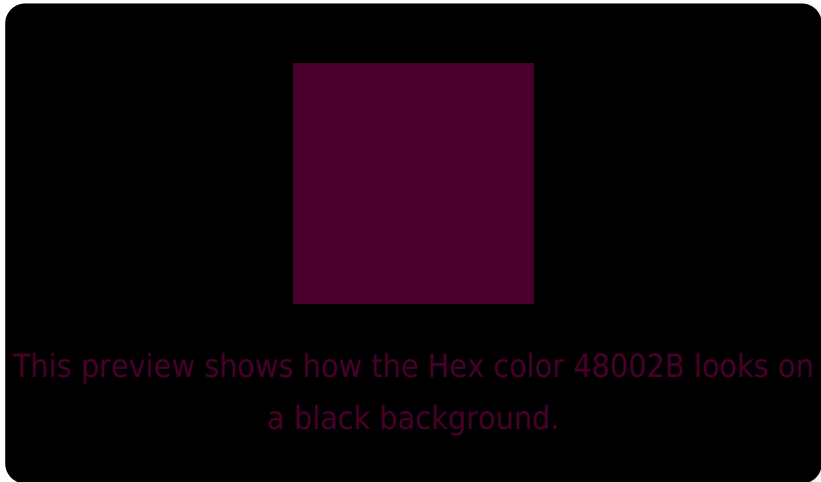
Large Text (above 18pt) WCAG AA ✓ Pass

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

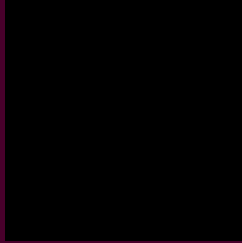
Any Text WCAG AA × Fail

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 48002B Background



This preview shows how black text looks on a background with the Hex color 48002B.



This preview shows how white text looks on a background with the Hex color 48002B.

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
48002B

Protanopia
1C253E

Deuteranopia
292528



Tritanopia
471111

Trichromacy



Original Color
48002B

Protanomaly
2C1837

Deuteranomaly
341829

Tritanomaly
470B1A

Monochromacy



Original Color
48002B

Achromatopsia
1A1A1A

Achromatomaly
2B1120

CSS Examples

Text

The CSS property to change the color of the text to Hex 48002B 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 #48002B looks like.

```
.text, #text, p{  
    color:#48002B  
}
```

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 #48002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48002B
}
```

Border

The CSS property to change the border of an element to Hex 48002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

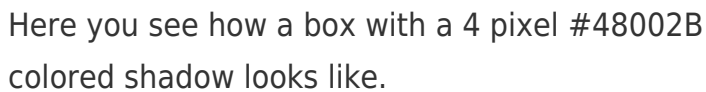
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48002B }
```

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

```
.border{ border-color:#48002B }
```

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



Here you see how a box with a 4 pixel #48002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48002B; -webkit-box-shadow:4px 4px  
4px 4px #48002B; box-shadow:4px 4px 4px  
4px #48002B }
```

Background

The CSS property to change the background color of an element to Hex 48002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48002B }
```

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

```
.background{ background-color:#48002B }
```

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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