

# Converting Colors

Hex(4B0E2E)

Have a look what the booklet for  
Hex(4B0E2E) contains.

<b>Hex(4B0E2E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4B0E2E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B0E2E
RGB	75, 14, 46
RGB Percent	29%, 5%, 18%
CMY	0.7059, 0.9451, 0.8196
CMYK	0.00, 0.81, 0.39, 0.71
HSL	329°, 69%, 17%
HSV	329°, 81%, 29%
XYZ	3.5518, 2.0072, 2.7850
YIQ	35.8870, 26.0840, 22.8840

# Conversions

## Conversions Part 2

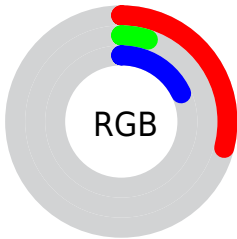
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 14, 46
Decimal	4918830
CIE Lab	15.52, 31.28, -4.57
CIE LCh	16, 31.613, 351.680
Yxy	2.0072, 0.4257, 0.2406
Android (android.graphics.Color)	4283108910 (0xFF4B0E2E)
YUV	35.8870, 4.9857, 34.3021
Hunter-Lab	14.1675, 19.9572, -1.7377

# Details

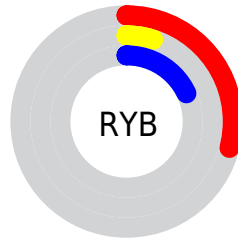
The Hex color **4B0E2E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0E4B2B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7F3F5C**, and **190001** is the 20% darker color. If you saturate the color by 10%, you get **4B072A**, and if you desaturate by 10%, it is **4B1632**.

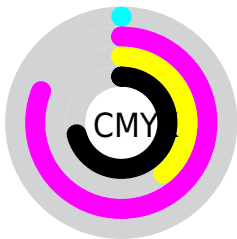
# Distribution



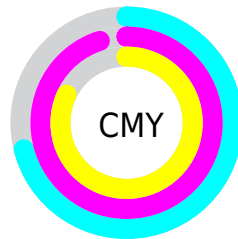
- Red (29%)
- Green (5%)
- Blue (18%)



- Red (29%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)
- Black (71%)



- Cyan (71%)
- Magenta (95%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B0E2E 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 4B0E2E by changing the saturation by 10% instead.



 4B0E2E

 4B0E2E

 FFFAFF

 330019

 7F3F5C

 190001

 995774

 000000

 B5708E

 D18AA8

 EEA5C3

 FFC1DF

 FFDDFC

 4B0E2E

 4B0E2E

■ 4B072A

■ 4B1632

■ 4B0027

■ 4B1D35

■ 4B2539

■ 4B2C3C

■ 4B3440

■ 4B3B43

■ 4B4347

■ 4B4A4B

■ 4B524E

# Harmonies

## Analogous

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



3B1843



4B0E2E



4D0F18

# Triad

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



4B0E2E



222A00



002F4A

# Complementary

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



4B0E2E



0E4B2B

# 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.



003137



4B0E2E



012E06

# Square

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



4B0E2E



362400



003020



002B53

# Rectangle

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



4B0E2E



491606



003020



003044



# Sweetspot

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



4B0E2E



614A56



2A0E4B



30222A



B0B0B0



303030



# Same Dimension

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



4B0E2E



610234



4B0E10



262224



660036



E60078



# Inverse Universe

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



4B0E2E



610234



0E4B49



262224



660036

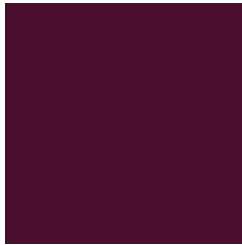


E60078



# Previews

## White Background



This preview shows how the Hex color 4B0E2E looks on a white background.

## Color Contrast Check

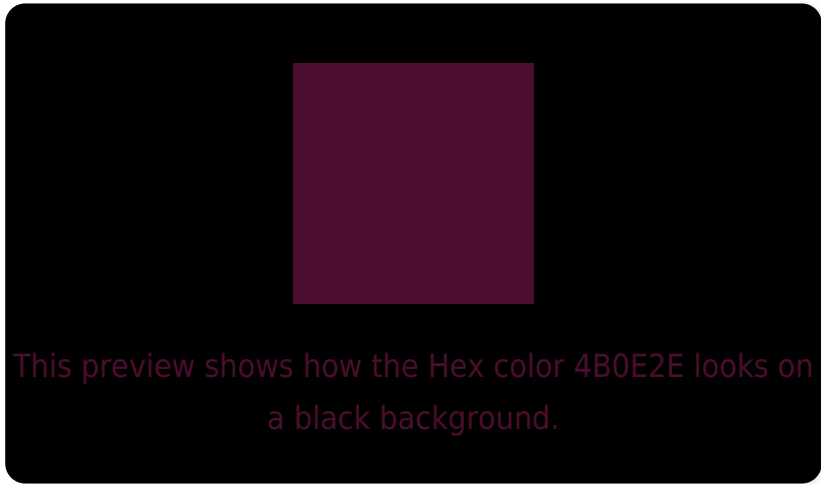
Large Text (above 18pt) WCAG AA ✓ Pass

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

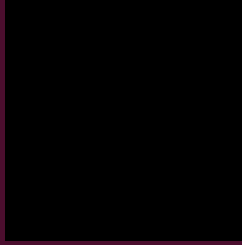
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B0E2E Background



This preview shows how black text looks on a background with the Hex color 4B0E2E.



This preview shows how white text looks on a background with the Hex color 4B0E2E.

# 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**  
4B0E2E

**Protanopia**  
21283F

**Deuteranopia**  
2C282B



**Tritanopia**  
4A1617

# Trichromacy



**Original Color**  
4B0E2E

**Protanomaly**  
301F39

**Deuteranomaly**  
371F2C

**Tritanomaly**  
4A131F

# Monochromacy



**Original Color**  
4B0E2E

**Achromatopsia**  
242424

**Achromatomaly**  
321C28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B0E2E 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 #4B0E2E looks like.

```
.text, #text, p{  
    color:#4B0E2E  
}
```

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 #4B0E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B0E2E
}
```

## Border

The CSS property to change the border of an element to Hex 4B0E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

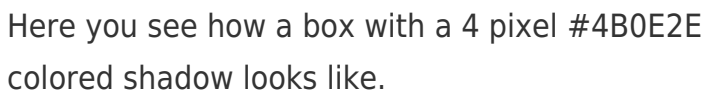
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B0E2E }
```

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

```
.border{ border-color:#4B0E2E }
```

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



Here you see how a box with a 4 pixel #4B0E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B0E2E; -webkit-box-shadow:4px 4px  
4px 4px #4B0E2E; box-shadow:4px 4px 4px  
4px #4B0E2E }
```

# Background

The CSS property to change the background color of an element to Hex 4B0E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B0E2E }
```

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

```
.background{ background-color:#4B0E2E }
```

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