

Converting Colors

Hex(4C0A4C)

Have a look what the booklet for
Hex(4C0A4C) contains.

Hex(4C0A4C)	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(4C0A4C)

Conversions

Conversions Part 1

Format	Color
Hex	4C0A4C
RGB	76, 10, 76
RGB Percent	30%, 4%, 30%
CMY	0.7020, 0.9608, 0.7020
CMYK	0.00, 0.87, 0.00, 0.70
HSL	300°, 77%, 17%
HSV	300°, 87%, 30%
XYZ	4.3935, 2.2754, 7.0451
YIQ	37.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

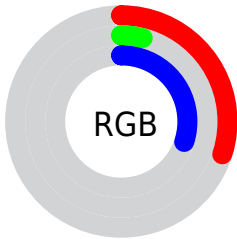
Format	Color
RYB	76, 10, 76
Decimal	4983372
CIELab	16.87, 37.76, -23.62
CIELCh	17, 44.538, 327.974
Yxy	2.2754, 0.3204, 0.1659
Android (android.graphics.Color)	4283173452 (0xFF4C0A4C)
YUV	37.2580, 19.0998, 33.9767
Hunter-Lab	15.0844, 25.5930, -17.1321

Details

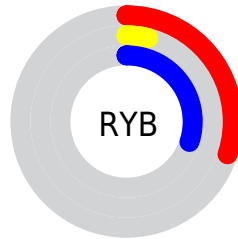
The Hex color **4C0A4C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0A4C0A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7F3E7D**, and **1E0020** is the 20% darker color. If you saturate the color by 10%, you get **4C024C**, and if you desaturate by 10%, it is **4C124C**.

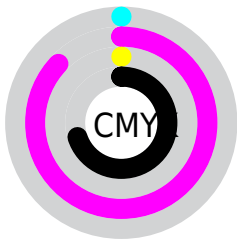
Distribution



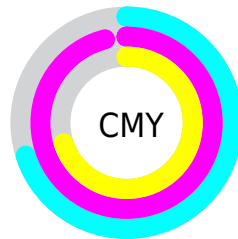
- Red (30%)
- Green (4%)
- Blue (30%)



- Red (30%)
- Yellow (4%)
- Blue (30%)



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)
- Black (70%)



- Cyan (70%)
- Magenta (96%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0A4C 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 4C0A4C by changing the saturation by 10% instead.

 4C0A4C

 4C0A4C

 FFFAFF

 340035

 7F3E7D

 1E0020

 9A5797

 000002

 B670B2

 000000

 D28ACE

 EFA5EA

 FFC1FF

 FFDDFF

 4C0A4C

 4C0A4C

■ 4C024C

■ 4C124C

■ 4C004C

■ 4C194C

■ 4C214C

■ 4C284C

■ 4C304C

■ 4C384C

■ 4C3F4C

■ 4C474C

■ 4C4E4C

Harmonies

Analogous

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



1B2263



4C0A4C



5D002D

Triad

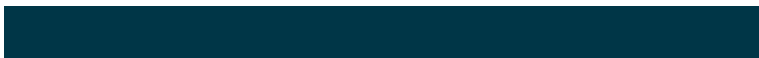
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4C0A4C



362800



003647

Complementary

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



4C0A4C



0A4C0A

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.



003626



4C0A4C



173000

Square

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



4C0A4C



4E1800



003400



003560

Rectangle

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



4C0A4C



5F0018



003400



00363D

Sweetspot

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



4C0A4C



634A63



0A0A4C



332333



B3B3B3



333333

Same Dimension

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



4C0A4C



630063



4C0A2B



262226



660066



E600E6

Inverse Universe

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



4C0A4C



630063



0A4C2B



262226



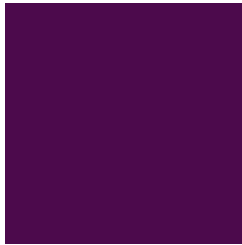
660066



E600E6

Previews

White Background



This preview shows how the Hex color 4C0A4C looks on a white background.

Color Contrast Check

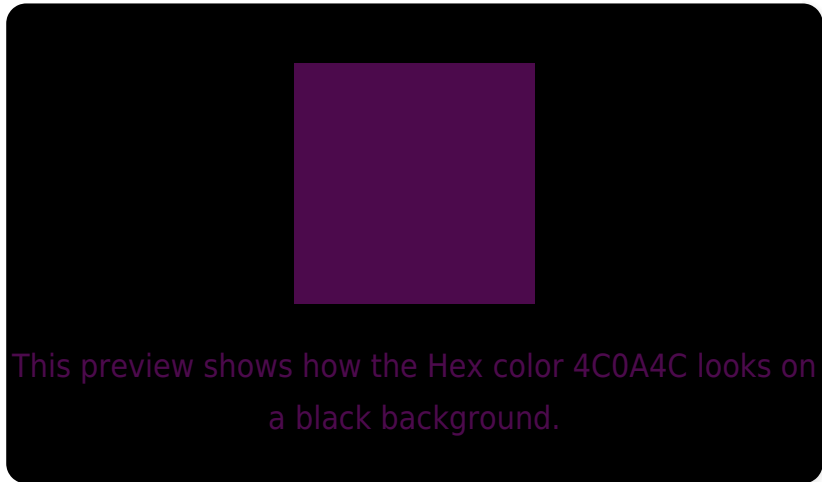
Large Text (above 18pt) WCAG AA ✓ Pass

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

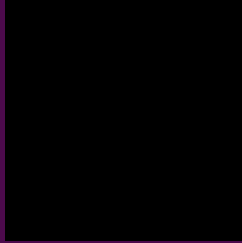
Any Text WCAG AA × Fail

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 4C0A4C Background



This preview shows how black text looks on a background with the Hex color 4C0A4C.



This preview shows how white text looks on a background with the Hex color 4C0A4C.

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





Tritanopia
471F21

Trichromacy



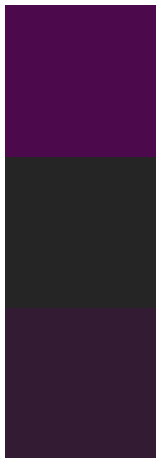
Original Color
4C0A4C

Protanomaly
1C1F55

Deuteranomaly
2D2049

Tritanomaly
491731

Monochromacy



Original Color
4C0A4C

Achromatopsia
252525

Achromatomaly
331B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0A4C 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 #4C0A4C looks like.

```
.text, #text, p{  
    color:#4C0A4C  
}
```

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 #4C0A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0A4C
}
```

Border

The CSS property to change the border of an element to Hex 4C0A4C 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".

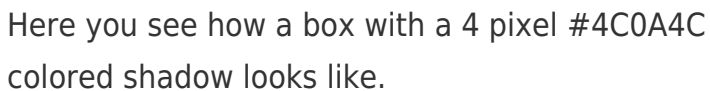
```
.border, #border, table{ border:4px solid
#4C0A4C }
```

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

```
.border{ border-color:#4C0A4C }
```

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

Here you see how a box with a 4 pixel #4C0A4C colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0A4C; -webkit-box-shadow:4px 4px  
4px 4px #4C0A4C; box-shadow:4px 4px 4px  
4px #4C0A4C }
```

Background

The CSS property to change the background color of an element to Hex 4C0A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0A4C }
```

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

```
.background{ background-color:#4C0A4C }
```

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