

Converting Colors

Hex(4C0C1C)

Have a look what the booklet for
Hex(4C0C1C) contains.

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Color

Hex(4C0C1C)

Conversions

Conversions Part 1

Format	Color
Hex	4C0C1C
RGB	76, 12, 28
RGB Percent	30%, 5%, 11%
CMY	0.7020, 0.9529, 0.8902
CMYK	0.00, 0.84, 0.63, 0.70
HSL	345°, 73%, 17%
HSV	345°, 84%, 30%
XYZ	3.3216, 1.8833, 1.2871
YIQ	32.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

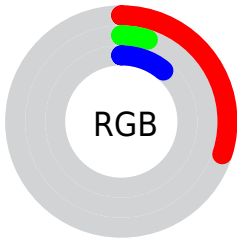
Format	Color
RYB	76, 12, 28
Decimal	4983836
CIELab	14.86, 30.44, 7.65
CIElCh	15, 31.389, 14.109
Yxy	1.8833, 0.5116, 0.2901
Android (android.graphics.Color)	4283173916 (0xFF4C0C1C)
YUV	32.9600, -2.4453, 37.7461
Hunter-Lab	13.7233, 19.1882, 4.0457

Details

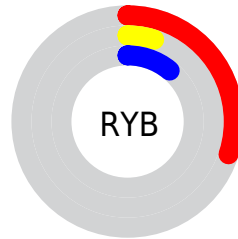
The Hex color **4C0C1C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C4C3C**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **813D47**, and **130000** is the 20% darker color. If you saturate the color by 10%, you get **4C0416**, and if you desaturate by 10%, it is **4C1422**.

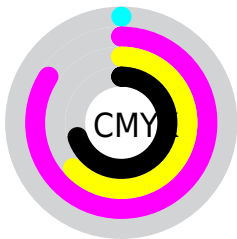
Distribution



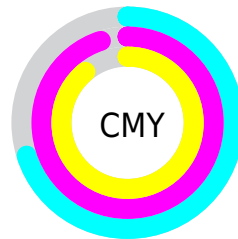
- Red (30%)
- Green (5%)
- Blue (11%)



- Red (30%)
- Yellow (5%)
- Blue (11%)



- Cyan (0%)
- Magenta (84%)
- Yellow (63%)
- Black (70%)



- Cyan (70%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0C1C 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 4C0C1C by changing the saturation by 10% instead.

 4C0C1C

 4C0C1C

 FFF7FF

 340001

 813D47

 130000

 9C555F

 000000

 B86E77

 D58891

 F2A3AB

 FFBE07

 FFD8E3

 4C0C1C

 4C0C1C

■ 4C0416

■ 4C1422

■ 4C0013

■ 4C1B27

■ 4C232D

■ 4C2A33

■ 4C3239

■ 4C3A3E

■ 4C4144

■ 4C494A

■ 4C504F

Harmonies

Analogous

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



470F32



4C0C1C



471502

Triad

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



4C0C1C



0C2C00



002B50

Complementary

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



4C0C1C



0C4C3C

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.



002E44



4C0C1C



002E18

Square

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



4C0C1C



262800



002F30



002551

Rectangle

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



4C0C1C



3E1D00



002F30



002D4D

Sweetspot

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



4C0C1C



634B51



3C0C4C



332428



B3B3B3



333333

Same Dimension

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



4C0C1C



630019



4C1C0C



262223



66001A



E60039

Inverse Universe

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



4C0C1C



630019



0C3C4C



262223



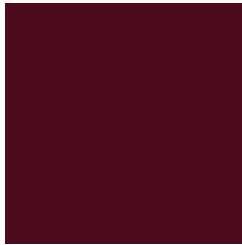
66001A



E60039

Previews

White Background



This preview shows how the Hex color 4C0C1C looks on a white background.

Color Contrast Check

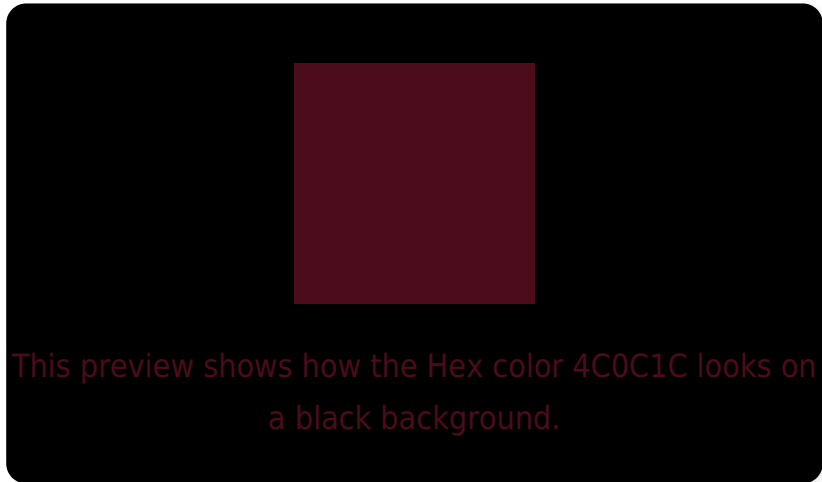
Large Text (above 18pt) WCAG AA ✓ Pass

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

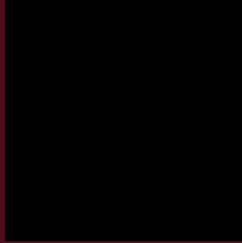
Any Text WCAG AA × Fail

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 4C0C1C Background



This preview shows how black text looks on a background with the Hex color 4C0C1C.



This preview shows how white text looks on a background with the Hex color 4C0C1C.

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

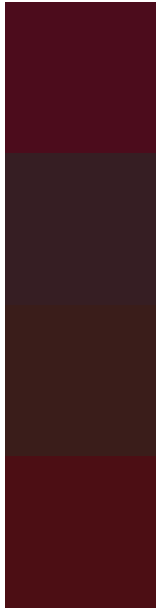


Original Color
4C0C1C

Protanopia
292827

Deuteranopia
302619

Trichromacy



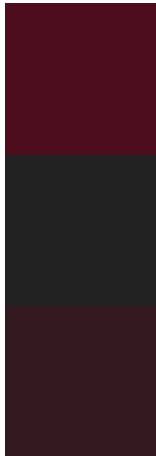
Original Color
4C0C1C

Protanomaly
361E23

Deuteranomaly
3A1D1A

Tritanomaly
4C0E14

Monochromacy



Original Color
4C0C1C

Achromatopsia
212121

Achromatomaly
31191F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0C1C 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 #4C0C1C looks like.

```
.text, #text, p{  
    color:#4C0C1C  
}
```

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 #4C0C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0C1C
}
```

Border

The CSS property to change the border of an element to Hex 4C0C1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

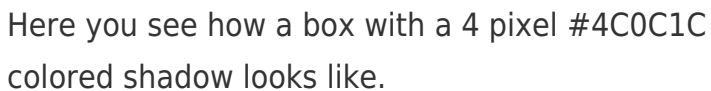
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0C1C }
```

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

```
.border{ border-color:#4C0C1C }
```

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



Here you see how a box with a 4 pixel #4C0C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0C1C; -webkit-box-shadow:4px 4px  
4px 4px #4C0C1C; box-shadow:4px 4px 4px  
4px #4C0C1C }
```

Background

The CSS property to change the background color of an element to Hex 4C0C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0C1C }
```

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

```
.background{ background-color:#4C0C1C }
```

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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