

Converting Colors

Hex(4C0009)

Have a look what the booklet for
Hex(4C0009) contains.

Hex(4C0009)	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(4C0009)

Conversions

Conversions Part 1

Format	Color
Hex	4C0009
RGB	76, 0, 9
RGB Percent	30%, 0%, 4%
CMY	0.7020, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.88, 0.70
HSL	353°, 100%, 15%
HSV	353°, 100%, 30%
XYZ	3.0298, 1.5562, 0.3991
YIQ	23.7500, 42.4070, 18.9110

Conversions

Conversions Part 2

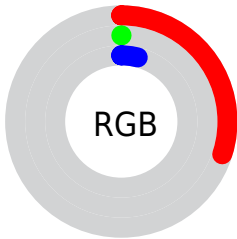
Format	Color
R_{YB}	76, 0, 9
Decimal	4980745
CIE _{Lab}	12.96, 33.70, 16.64
CIE _{LCh}	13, 37.587, 26.273
Yxy	1.5562, 0.6078, 0.3122
Android (android.graphics.Color)	4283170825 (0xFF4C0009)
YUV	23.7500, -7.2717, 45.8233
Hunter-Lab	12.4749, 21.5217, 6.8354

Details

The Hex color **4C0009** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004C43**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **823435**, and **090000** is the 20% darker color. If you saturate the color by 10%, you get **4C0009**, and if you desaturate by 10%, it is **4C0810**.

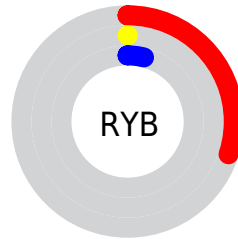
Distribution



Red (30%)

Green (0%)

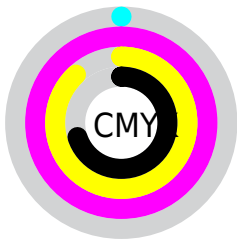
Blue (4%)



Red (30%)

Yellow (0%)

Blue (4%)

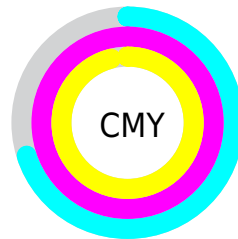


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0009 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 4C0009 by changing the saturation by 10% instead.

 4C0009

 4C0009

 FFEEE9

 330000

 823435

 090000

 9E4D4C

 000000

 BB6664

 D8807D

 F69B96

 FFB6B1

 FFD2CC

 4C0009

■ 4C0810

■ 4C0F16

■ 4C171D

■ 4C1E24

■ 4C262A

■ 4C2E31

■ 4C3538

■ 4C3D3F

■ 4C4445

Harmonies

Analogous

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



4C0026



4C0009



411300

Triad

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



4C0009



002A00



002656

Complementary

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



4C0009



004C43

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.



002B4D



4C0009



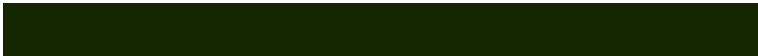
002C1D

Square

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



4C0009



152700



002C38



121C51

Rectangle

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



4C0009



351C00



002C38



002855

Sweetspot

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



4C0009



634649



42004C



332123



B3B3B3



333333

Same Dimension

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



4C0009



63000C



4C1C00



262223



66000C



E6001B

Inverse Universe

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



4C0009



63000C



00304C



262223



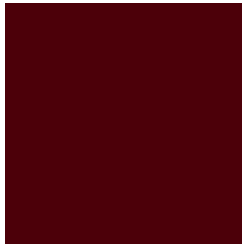
66000C



E6001B

Previews

White Background



This preview shows how the Hex color 4C0009 looks on a white background.

Color Contrast Check

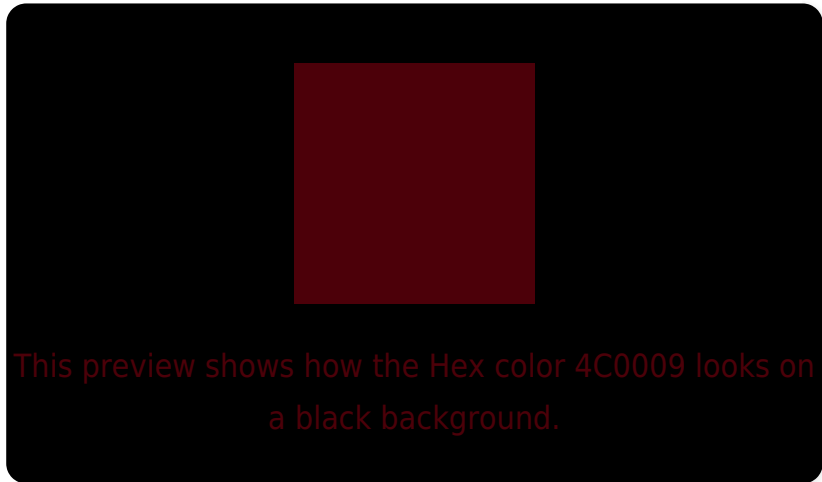
Large Text (above 18pt) WCAG AA ✓ Pass

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

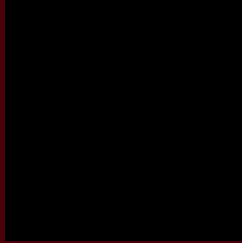
Any Text WCAG AA × Fail

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 4C0009 Background



This preview shows how black text looks on a background with the Hex color 4C0009.

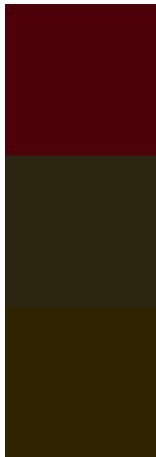


This preview shows how white text looks on a background with the Hex color 4C0009.

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
4C0009

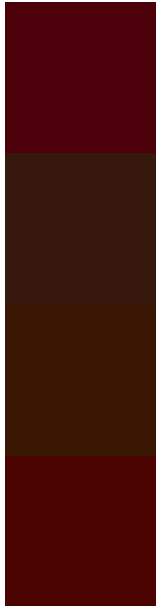
Protanopia
2B2610

Deuteranopia
302400



Tritanopia
4C0700

Trichromacy



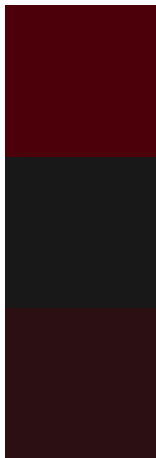
Original Color
4C0009

Protanomaly
37180D

Deuteranomaly
3A1703

Tritanomaly
4C0403

Monochromacy



Original Color
4C0009

Achromatopsia
181818

Achromatomaly
2B0F13

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0009 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 #4C0009 looks like.

```
.text, #text, p{  
    color:#4C0009  
}
```

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 #4C0009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0009  
}
```

Border

The CSS property to change the border of an element to Hex 4C0009 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".

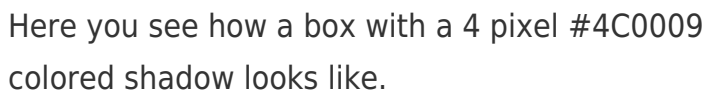
```
.border, #border, table{ border:4px solid  
#4C0009 }
```

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

```
.border{ border-color:#4C0009 }
```

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

Here you see how a box with a 4 pixel #4C0009 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0009; -webkit-box-shadow:4px 4px  
4px 4px #4C0009; box-shadow:4px 4px 4px  
4px #4C0009 }
```

Background

The CSS property to change the background color of an element to Hex 4C0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0009 }
```

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

```
.background{ background-color:#4C0009 }
```

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