

# Converting Colors

Hex(4C0101)

Have a look what the booklet for  
Hex(4C0101) contains.

<b>Hex(4C0101)</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(4C0101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C0101
RGB	76, 1, 1
RGB Percent	30%, 0%, 0%
CMY	0.7020, 0.9961, 0.9961
CMYK	0.00, 0.99, 0.99, 0.70
HSL	0°, 97%, 15%
HSV	0°, 99%, 30%
XYZ	2.9968, 1.5604, 0.1720
YIQ	23.4250, 44.7000, 15.9000

# Conversions

## Conversions Part 2

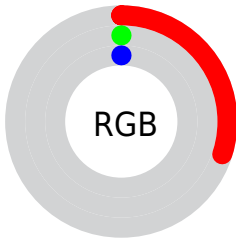
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 1, 1
Decimal	4980993
CIE Lab	12.99, 33.02, 19.93
CIE LCh	13, 38.565, 31.120
Yxy	1.5604, 0.6337, 0.3300
Android (android.graphics.Color)	4283171073 (0xFF4C0101)
YUV	23.4250, -11.0555, 46.1083
Hunter-Lab	12.4916, 20.9632, 7.9280

# Details

The Hex color **4C0101** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **014C4C**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **823530**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **4C0000**, and if you desaturate by 10%, it is **4C0909**.

# Distribution



Red (30%)

Green (0%)

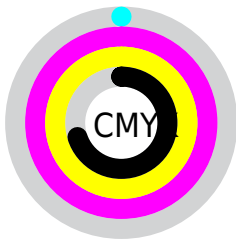
Blue (0%)



Red (30%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C0101 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 4C0101 by changing the saturation by 10% instead.



 4C0101

 4C0101

 FFEFE2

 320000

 823530

 070000

 9F4D46

 000000

 BB675E

 D98077

 F79B90

 FFB6AB

 FFD2C6

 4C0101

 4C0101

■ 4C0000

■ 4C0909

■ 4C1010

■ 4C1818

■ 4C1F1F

■ 4C2727

■ 4C2F2F

■ 4C3636

■ 4C3E3E

■ 4C4545

# Harmonies

## Analogous

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



4E0022



4C0101



3E1500

# Triad

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



4C0101



002B00



002558

# Complementary

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



4C0101



014C4C

# 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.



002B51



4C0101



002D22

# Square

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



4C0101



0E2700



002D3D



1D1A50

# Rectangle

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



4C0101



311E00



002D3D



002757



# Sweetspot

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



4C0101



634646



4C014C



332121



B3B3B3



333333



# Same Dimension

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



4C0101



630000



4C2701



262222



660000



E60000



# Inverse Universe

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



014C4C



006363



01274C



222626



006666

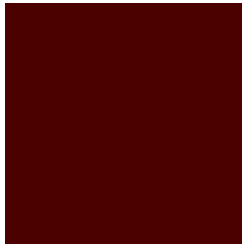


00E6E6



# Previews

## White Background



This preview shows how the Hex color 4C0101 looks on a white background.

## Color Contrast Check

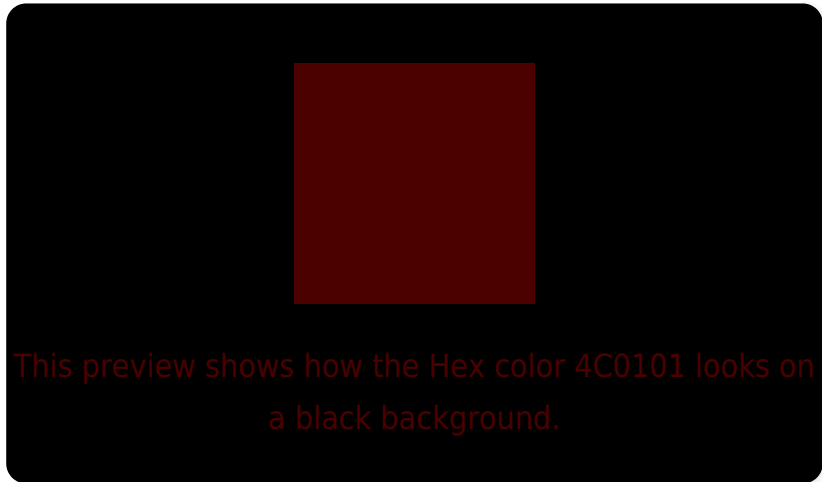
Large Text (above 18pt) WCAG AA ✓ Pass

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

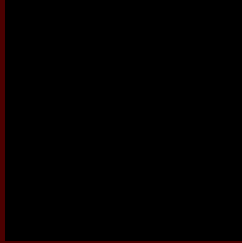
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C0101 Background



This preview shows how black text looks on a background with the Hex color 4C0101.

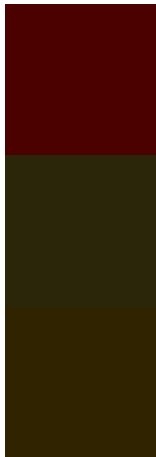


This preview shows how white text looks on a background with the Hex color 4C0101.

# 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**  
4C0101

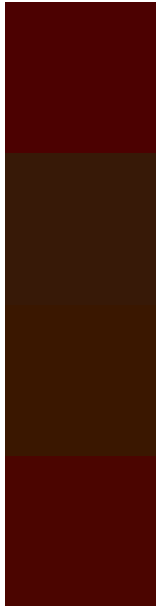
**Protanopia**  
2B260A

**Deuteranopia**  
302400



**Tritanopia**  
4B0700

# Trichromacy



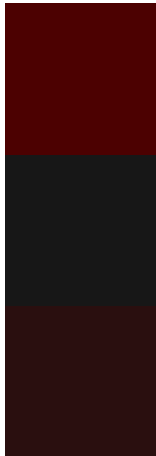
**Original Color**  
4C0101

**Protanomaly**  
371907

**Deuteranomaly**  
3A1700

**Tritanomaly**  
4B0500

# Monochromacy



**Original Color**  
4C0101

**Achromatopsia**  
171717

**Achromatomaly**  
2A0F0F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C0101 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 #4C0101 looks like.

```
.text, #text, p{  
    color:#4C0101  
}
```

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 #4C0101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0101
}
```

## Border

The CSS property to change the border of an element to Hex 4C0101 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".

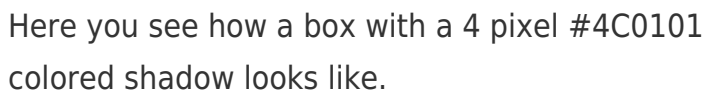
```
.border, #border, table{ border:4px solid
#4C0101 }
```

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

```
.border{ border-color:#4C0101 }
```

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

Here you see how a box with a 4 pixel #4C0101 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, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4C0101 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0101; -webkit-box-shadow:4px 4px  
4px 4px #4C0101; box-shadow:4px 4px 4px  
4px #4C0101 }
```

# Background

The CSS property to change the background color of an element to Hex 4C0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0101 }
```

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

```
.background{ background-color:#4C0101 }
```

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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