

Converting Colors

Hex(4C0117)

Have a look what the booklet for
Hex(4C0117) contains.

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Color

Hex(4C0117)

Conversions

Conversions Part 1

Format	Color
Hex	4C0117
RGB	76, 1, 23
RGB Percent	30%, 0%, 9%
CMY	0.7020, 0.9961, 0.9098
CMYK	0.00, 0.99, 0.70, 0.70
HSL	342°, 97%, 15%
HSV	342°, 99%, 30%
XYZ	3.1460, 1.6201, 0.9575
YIQ	25.9330, 37.6380, 22.7420

Conversions

Conversions Part 2

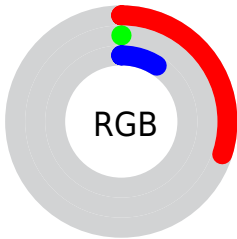
Format	Color
R_YB	76, 1, 23
Decimal	4981015
CIE Lab	13.35, 34.02, 9.32
CIE LCh	13, 35.276, 15.328
Yxy	1.6201, 0.5497, 0.2831
Android (android.graphics.Color)	4283171095 (0xFF4C0117)
YUV	25.9330, -1.4460, 43.9088
Hunter-Lab	12.7282, 21.8451, 4.4495

Details

The Hex color **4C0117** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **014C36**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **823541**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **4C0016**, and if you desaturate by 10%, it is **4C091C**.

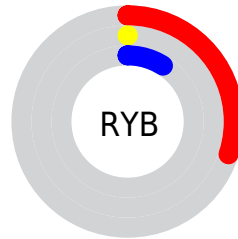
Distribution



Red (30%)

Green (0%)

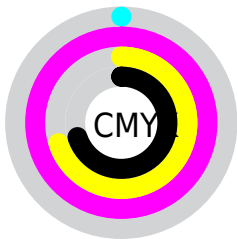
Blue (9%)



Red (30%)

Yellow (0%)

Blue (9%)

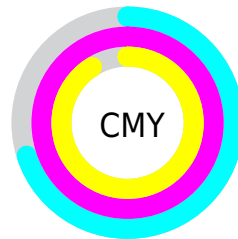


Cyan (0%)

Magenta (99%)

Yellow (70%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0117 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 4C0117 by changing the saturation by 10% instead.

 4C0117

 4C0117

 FFF0F8

 340000

 823541

 0E0000

 9D4E58

 000000

 BA6771

 D7818A

 F49CA5

 FFB7C0

 FFD3DB

 4C0117

 4C0117

■ 4C0016

■ 4C091C

■ 4C1022

■ 4C1827

■ 4C1F2C

■ 4C2732

■ 4C2F37

■ 4C363D

■ 4C3E42

■ 4C4547

Harmonies

Analogous

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



47032F



4C0117



460F00

Triad

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



4C0117



032A00



002952

Complementary

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



4C0117



014C36

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.



002C45



4C0117



002C15

Square

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



4C0117



202500



002D2F



002152

Rectangle

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



4C0117



3C1900



002D2F



002A4F

Sweetspot

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



4C0117



63464E



36014C



332126



B3B3B3



333333

Same Dimension

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



4C0117



63001D



4C1001



262224



66001E



E60043

Inverse Universe

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



4C0117



63001D



013D4C



262224



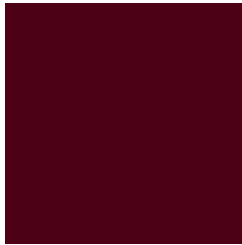
66001E



E60043

Previews

White Background



This preview shows how the Hex color 4C0117 looks on a white background.

Color Contrast Check

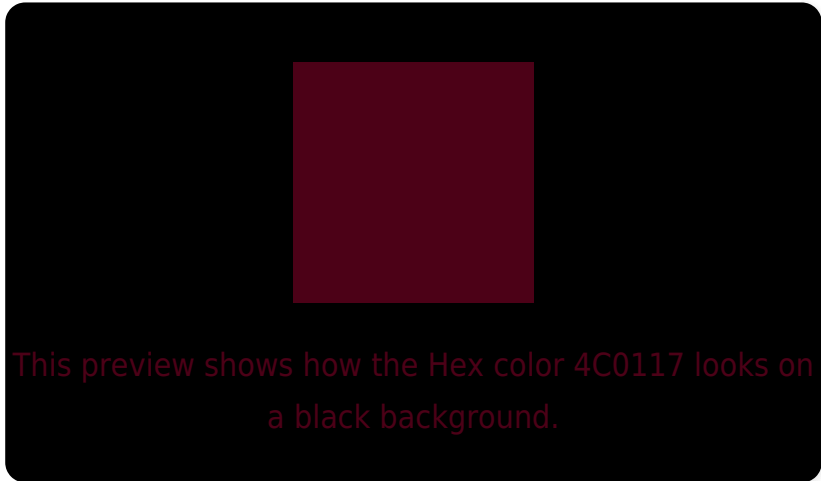
Large Text (above 18pt) WCAG AA ✓ Pass

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

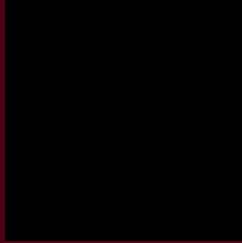
Any Text WCAG AA × Fail

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 4C0117 Background



This preview shows how black text looks on a background with the Hex color 4C0117.



This preview shows how white text looks on a background with the Hex color 4C0117.

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
4C0117

Protanopia
292722

Deuteranopia
302513



Tritanopia
4C0908

Trichromacy



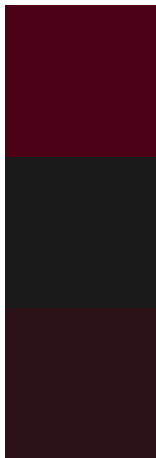
Original Color
4C0117

Protanomaly
36191E

Deuteranomaly
3A1814

Tritanomaly
4C060D

Monochromacy



Original Color
4C0117

Achromatopsia
1A1A1A

Achromatomaly
2C1119

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0117 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 #4C0117 looks like.

```
.text, #text, p{  
    color:#4C0117  
}
```

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 #4C0117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0117
}
```

Border

The CSS property to change the border of an element to Hex 4C0117 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
#4C0117 }
```

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

```
.border{ border-color:#4C0117 }
```

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

Here you see how a box with a 4 pixel #4C0117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0117; -webkit-box-shadow:4px 4px  
4px 4px #4C0117; box-shadow:4px 4px 4px  
4px #4C0117 }
```

Background

The CSS property to change the background color of an element to Hex 4C0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0117 }
```

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

```
.background{ background-color:#4C0117 }
```

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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