

Converting Colors

Hex(4C111A)

Have a look what the booklet for
Hex(4C111A) contains.

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Color

Hex(4C111A)

Conversions

Conversions Part 1

Format	Color
Hex	4C111A
RGB	76, 17, 26
RGB Percent	30%, 7%, 10%
CMY	0.7020, 0.9333, 0.8980
CMYK	0.00, 0.78, 0.66, 0.70
HSL	351°, 63%, 18%
HSV	351°, 78%, 30%
XYZ	3.3674, 2.0120, 1.1882
YIQ	35.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

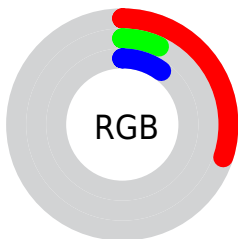
Format	Color
R_YB	76, 17, 26
Decimal	4985114
CIE Lab	15.55, 28.23, 10.04
CIE LCh	16, 29.958, 19.572
Yxy	2.0120, 0.5127, 0.3064
Android (android.graphics.Color)	4283175194 (0xFF4C111A)
YUV	35.6670, -4.7658, 35.3720
Hunter-Lab	14.1844, 17.5533, 4.9627

Details

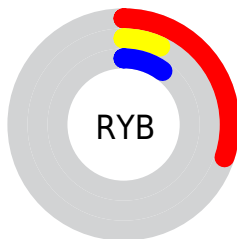
The Hex color **4C111A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **114C43**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **814045**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **4C0914**, and if you desaturate by 10%, it is **4C1920**.

Distribution



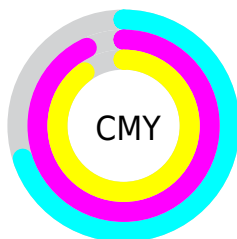
- Red (30%)
- Green (7%)
- Blue (10%)



- Red (30%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (78%)
- Yellow (66%)
- Black (70%)



- Cyan (70%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C111A 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 4C111A by changing the saturation by 10% instead.

 4C111A

 4C111A

 FFFBFD

 340000

 814045

 140000

 9C595C

 000000

 B87275

 D58C8E

 F2A6A9

 FFC2C4

 FFDEE0

 4C111A

 4C111A

■ 4C0914

■ 4C1920

■ 4C020D

■ 4C2027

■ 4C000C

■ 4C282D

■ 4C2F34

■ 4C373A

■ 4C3F41

■ 4C4647

■ 4C4E4E

■ 4C5554

Harmonies

Analogous

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



49112F



4C111A



451A01

Triad

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



4C111A



072E06



002C51

Complementary

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



4C111A



114C43

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.



002F47



4C111A



00301E

Square

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



4C111A



252A00



003034



15244F

Rectangle

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



4C111A



3D2000



003034



002D4F

Sweetspot

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



4C111A



634D50



42114C



332527



B3B3B3



333333

Same Dimension

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



4C111A



630715



4C2511



262223



660010



E60023

Inverse Universe

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



4C111A



630715



11384C



262223



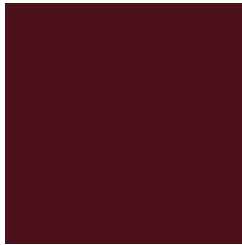
660010



E60023

Previews

White Background



This preview shows how the Hex color 4C111A 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 4C111A Background



This preview shows how black text looks on a background with the Hex color 4C111A.



This preview shows how white text looks on a background with the Hex color 4C111A.

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
4C111A

Protanopia
2B2923

Deuteranopia
322717



Tritanopia
4C1213

Trichromacy



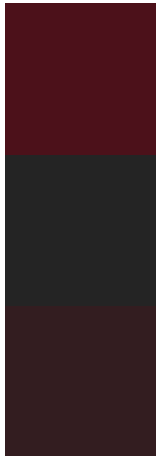
Original Color
4C111A

Protanomaly
372020

Deuteranomaly
3B1F18

Tritanomaly
4C1216

Monochromacy



Original Color
4C111A

Achromatopsia
242424

Achromatomaly
331D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C111A 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 #4C111A looks like.

```
.text, #text, p{  
    color:#4C111A  
}
```

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 #4C111A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C111A
}
```

Border

The CSS property to change the border of an element to Hex 4C111A 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".

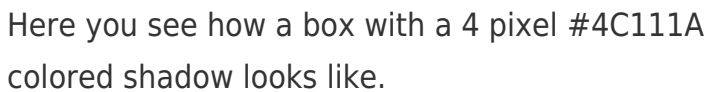
```
.border, #border, table{ border:4px solid
#4C111A }
```

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

```
.border{ border-color:#4C111A }
```

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

Here you see how a box with a 4 pixel #4C111A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C111A; -webkit-box-shadow:4px 4px  
4px 4px #4C111A; box-shadow:4px 4px 4px  
4px #4C111A }
```

Background

The CSS property to change the background color of an element to Hex 4C111A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C111A }
```

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

```
.background{ background-color:#4C111A }
```

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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