

Converting Colors

Hex(4C0C48)

Have a look what the booklet for
Hex(4C0C48) contains.

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Color

Hex(4C0C48)

Conversions

Conversions Part 1

Format	Color
Hex	4C0C48
RGB	76, 12, 72
RGB Percent	30%, 5%, 28%
CMY	0.7020, 0.9529, 0.7176
CMYK	0.00, 0.84, 0.05, 0.70
HSL	304°, 73%, 17%
HSV	304°, 84%, 30%
XYZ	4.2817, 2.2673, 6.3429
YIQ	37.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

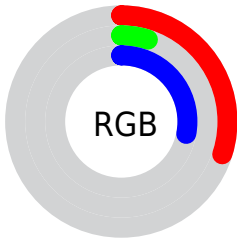
Format	Color
R_{YB}	76, 12, 72
Decimal	4983880
CIE _{Lab}	16.83, 36.39, -20.92
CIE _{LCh}	17, 41.977, 330.102
Yxy	2.2673, 0.3321, 0.1759
Android (android.graphics.Color)	4283173960 (0xFF4C0C48)
YUV	37.9760, 16.7738, 33.3470
Hunter-Lab	15.0576, 24.4059, -14.4349

Details

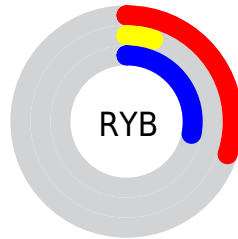
The Hex color **4C0C48** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0C4C10**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7F3F79**, and **1D001C** is the 20% darker color. If you saturate the color by 10%, you get **4C0448**, and if you desaturate by 10%, it is **4C1448**.

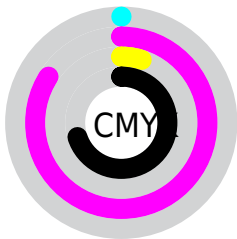
Distribution



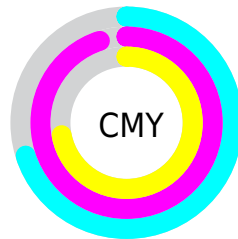
- Red (30%)
- Green (5%)
- Blue (28%)



- Red (30%)
- Yellow (5%)
- Blue (28%)



- Cyan (0%)
- Magenta (84%)
- Yellow (5%)
- Black (70%)



- Cyan (70%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0C48 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 4C0C48 by changing the saturation by 10% instead.

 4C0C48

 4C0C48

 FFFBFF

 340031

 7F3F79

 1D001C

 9A5893

 000000

 B671AD

 D28BC9

 EFA6E5

 FFC2FF

 FFDEFF

 4C0C48

 4C0C48

■ 4C0448

■ 4C1448

■ 4C0047

■ 4C1B49

■ 4C2349

■ 4C2A4A

■ 4C324A

■ 4C3A4B

■ 4C414B

■ 4C494C

■ 4C504C

Harmonies

Analogous

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



23215E



4C0C48



5B002B

Triad

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



4C0C48



342800



003647

Complementary

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



4C0C48



0C4C10

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.



003629



4C0C48



163000

Square

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



4C0C48



4B1B00



003406



00345E

Rectangle

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



4C0C48



5C0017



003406



00363D

Sweetspot

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



4C0C48



634B62



0F0C4C



332432



B3B3B3



333333

Same Dimension

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



4C0C48



63005D



4C0C29



262226



660060



E600D7

Inverse Universe

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



4C0C48



63005D



0C4C2F



262226



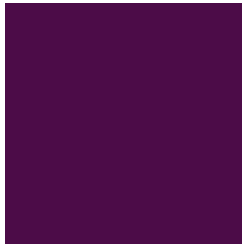
660060



E600D7

Previews

White Background



This preview shows how the Hex color 4C0C48 looks on a white background.

Color Contrast Check

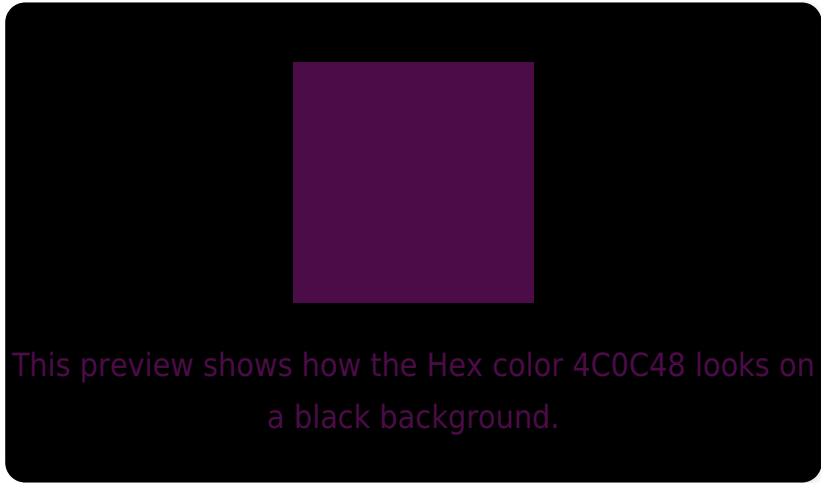
Large Text (above 18pt) WCAG AA ✓ Pass

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

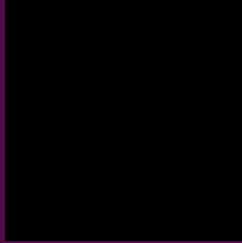
Any Text WCAG AA × Fail

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 4C0C48 Background



This preview shows how black text looks on a background with the Hex color 4C0C48.



This preview shows how white text looks on a background with the Hex color 4C0C48.

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
4C0C48

Protanopia
002A5A

Deuteranopia
202C44



Tritanopia
481E20

Trichromacy



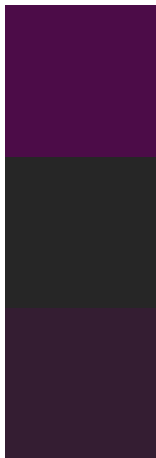
Original Color
4C0C48

Protanomaly
1C1F53

Deuteranomaly
302045

Tritanomaly
49172F

Monochromacy



Original Color
4C0C48

Achromatopsia
262626

Achromatomaly
341D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0C48 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 #4C0C48 looks like.

```
.text, #text, p{  
    color:#4C0C48  
}
```

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 #4C0C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0C48
}
```

Border

The CSS property to change the border of an element to Hex 4C0C48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

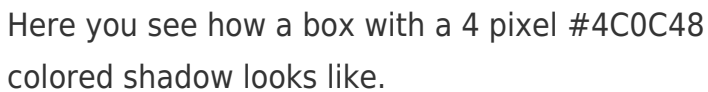
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0C48 }
```

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

```
.border{ border-color:#4C0C48 }
```

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



Here you see how a box with a 4 pixel #4C0C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0C48; -webkit-box-shadow:4px 4px  
4px 4px #4C0C48; box-shadow:4px 4px 4px  
4px #4C0C48 }
```

Background

The CSS property to change the background color of an element to Hex 4C0C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0C48 }
```

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

```
.background{ background-color:#4C0C48 }
```

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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