

Converting Colors

Hex(4C0052)

Have a look what the booklet for
Hex(4C0052) contains.

Hex(4C0052)	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(4C0052)

Conversions

Conversions Part 1

Format	Color
Hex	4C0052
RGB	76, 0, 82
RGB Percent	30%, 0%, 32%
CMY	0.7020, 1.0000, 0.6784
CMYK	0.07, 1.00, 0.00, 0.68
HSL	296°, 100%, 16%
HSV	296°, 100%, 32%
XYZ	4.5035, 2.1457, 8.1594
YIQ	32.0720, 18.9740, 41.6140

Conversions

Conversions Part 2

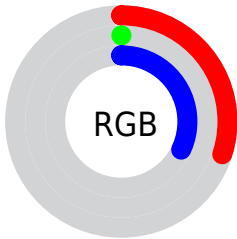
Format	Color
RYB	76, 0, 82
Decimal	4980818
CIELab	16.23, 41.99, -28.74
CIElCh	16, 50.885, 325.606
Yxy	2.1457, 0.3041, 0.1449
Android (android.graphics.Color)	4283170898 (0xFF4C0052)
YUV	32.0720, 24.6145, 38.5249
Hunter-Lab	14.6482, 29.2442, -22.7724

Details

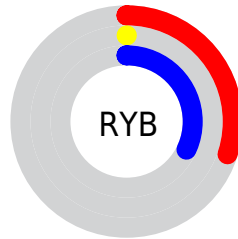
The Hex color **4C0052** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **065200**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **803984**, and **1D0025** is the 20% darker color. If you saturate the color by 10%, you get **4C0052**, and if you desaturate by 10%, it is **4D0852**.

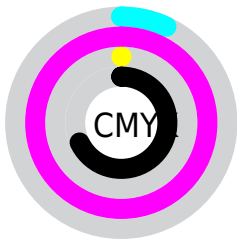
Distribution



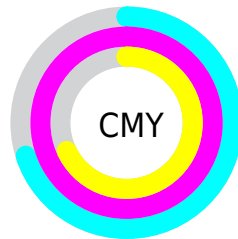
- Red (30%)
- Green (0%)
- Blue (32%)



- Red (30%)
- Yellow (0%)
- Blue (32%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (70%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0052 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 4C0052 by changing the saturation by 10% instead.

 4C0052

 4C0052

 FFF5FF

 33003B

 803984

 1D0025

 9B529E

 00000C

 B76BB9

 000000

 D386D5

 F0A1F2

 FFBCFF

 FFD9FF

 4C0052

■ 4D0852

■ 4D1052

■ 4E1952

■ 4E2152

■ 4F2952

■ 503152

■ 503952

■ 514252

■ 514A52

Harmonies

Analogous

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



00216B



4C0052



62002F

Triad

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



4C0052



372500



003647

Complementary

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



4C0052



065200

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.



003622



4C0052



132F00

Square

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



4C0052



511100



003300



003565

Rectangle

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



4C0052



630018



003300



00363B

Sweetspot

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



4C0052



694B6B



000752



342236



B5B5B5



363636

Same Dimension

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



4C0052



63006B



520030



292529



610069



D700E8

Inverse Universe

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



520006



6B0008



005222



292525



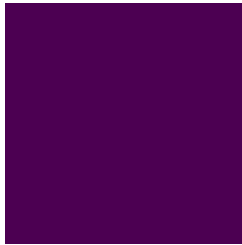
690008



E80011

Previews

White Background



This preview shows how the Hex color 4C0052 looks on a white background.

Color Contrast Check

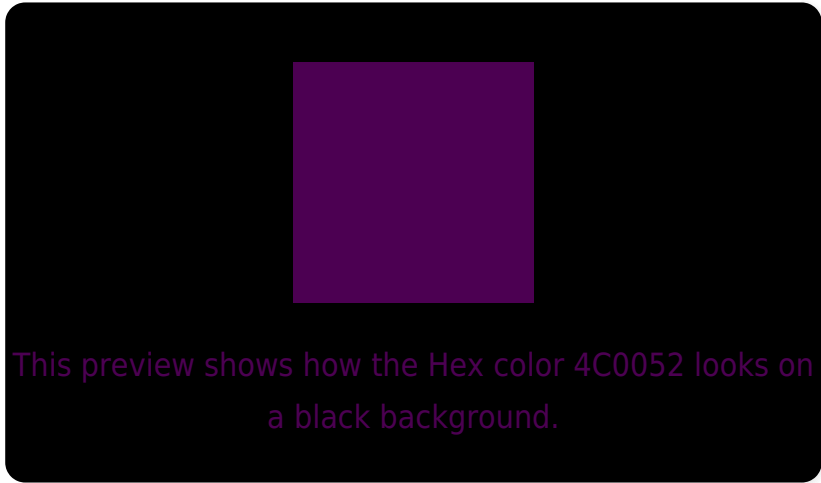
Large Text (above 18pt) WCAG AA ✓ Pass

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

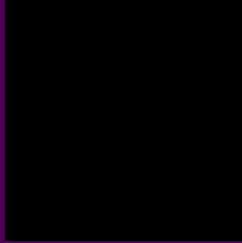
Any Text WCAG AA × Fail

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 4C0052 Background



This preview shows how black text looks on a background with the Hex color 4C0052.



This preview shows how white text looks on a background with the Hex color 4C0052.

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
4C0052

Protanopia
002B5B

Deuteranopia
122D4D

Trichromacy



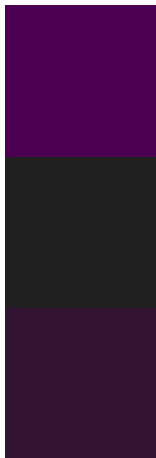
Original Color
4C0052

Protanomaly
1C1B58

Deuteranomaly
271D4F

Tritanomaly
481433

Monochromacy



Original Color
4C0052

Achromatopsia
202020

Achromatomaly
301432

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0052 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 #4C0052 looks like.

```
.text, #text, p{  
    color:#4C0052  
}
```

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 #4C0052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0052
}
```

Border

The CSS property to change the border of an element to Hex 4C0052 is called "border". The border property can be set on classes, ids or directly on the HTML element.

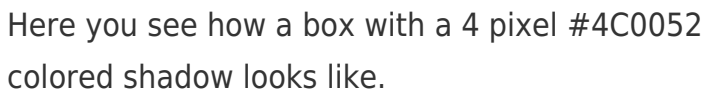
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0052 }
```

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

```
.border{ border-color:#4C0052 }
```

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



Here you see how a box with a 4 pixel #4C0052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0052; -webkit-box-shadow:4px 4px  
4px 4px #4C0052; box-shadow:4px 4px 4px  
4px #4C0052 }
```

Background

The CSS property to change the background color of an element to Hex 4C0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0052 }
```

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

```
.background{ background-color:#4C0052 }
```

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