

# Converting Colors

Hex(4C052B)

Have a look what the booklet for  
Hex(4C052B) contains.

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**Color**

**Hex(4C052B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C052B
RGB	76, 5, 43
RGB Percent	30%, 2%, 17%
CMY	0.7020, 0.9804, 0.8314
CMYK	0.00, 0.93, 0.43, 0.70
HSL	328°, 88%, 16%
HSV	328°, 93%, 30%
XYZ	3.4708, 1.8195, 2.4538
YIQ	30.5610, 30.1180, 26.8700

# Conversions

## Conversions Part 2

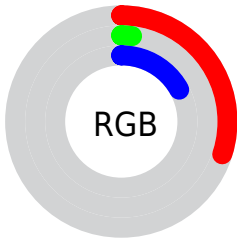
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 5, 43
Decimal	4982059
CIE Lab	14.51, 34.37, -3.89
CIE LCh	15, 34.594, 353.545
Yxy	1.8195, 0.4482, 0.2350
Android (android.graphics.Color)	4283172139 (0xFF4C052B)
YUV	30.5610, 6.1324, 39.8500
Hunter-Lab	13.4887, 22.3248, -1.3434

# Details

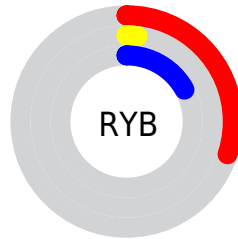
The Hex color **4C052B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **054C26**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **803958**, and **170000** is the 20% darker color. If you saturate the color by 10%, you get **4C0029**, and if you desaturate by 10%, it is **4C0D2F**.

# Distribution



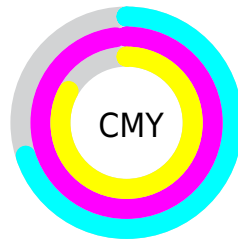
- Red (30%)
- Green (2%)
- Blue (17%)



- Red (30%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (93%)
- Yellow (43%)
- Black (70%)



- Cyan (70%)
- Magenta (98%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C052B 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 4C052B by changing the saturation by 10% instead.



 4C052B

 4C052B


 FFF4FF

 340017

 803958

 170000

 9B5271

 000000

 B76B8A

 D485A4

 F1A0C0

 FFBBDB

 FFD7F8

 4C052B

 4C052B

■ 4C0029

■ 4C0D2F

■ 4C1432

■ 4C1C36

■ 4C2339

■ 4C2B3D

■ 4C3340

■ 4C3A44

■ 4C4247

■ 4C494B

# Harmonies

## Analogous

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



3C1342



4C052B



4E0813

# Triad

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



4C052B



1D2900



002E4C

# Complementary

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



4C052B



054C26

# 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.



002F37



4C052B



002D00

# Square

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



4C052B



332200



002F1E



002955

# Rectangle

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



4C052B



491200



002F1E



002E46



# Sweetspot

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



4C052B



634857



25054C



33222B



B3B3B3



333333



# Same Dimension

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



4C052B



630035



4C0509



262224



660037



E6007B



# Inverse Universe

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



4C052B



630035



054C48



262224



660037

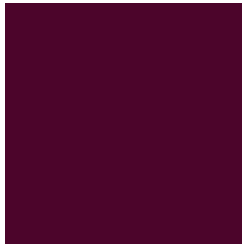


E6007B



# Previews

## White Background



This preview shows how the Hex color 4C052B looks on a white background.

## Color Contrast Check

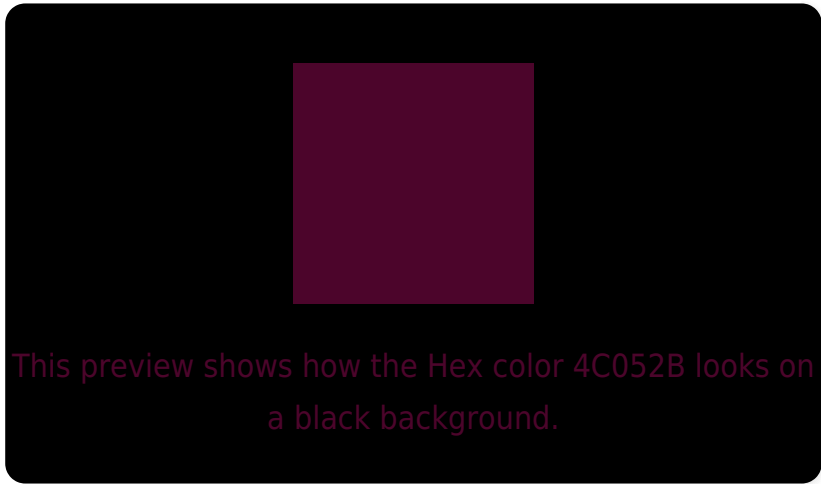
Large Text (above 18pt) WCAG AA ✓ Pass

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

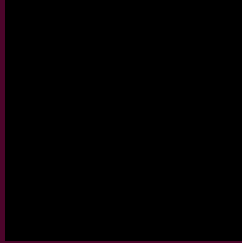
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C052B Background



This preview shows how black text looks on a background with the Hex color 4C052B.



This preview shows how white text looks on a background with the Hex color 4C052B.

# 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**  
4C052B

**Protanopia**  
20273D

**Deuteranopia**  
2C2728



**Tritanopia**  
4B1112

# Trichromacy



**Original Color**  
4C052B

**Protanomaly**  
301B36

**Deuteranomaly**  
381B29

**Tritanomaly**  
4B0D1B

# Monochromacy



**Original Color**  
4C052B

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
2F1623

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C052B 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 #4C052B looks like.

```
.text, #text, p{  
    color:#4C052B  
}
```

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 #4C052B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C052B
}
```

## Border

The CSS property to change the border of an element to Hex 4C052B is called "border". The border property can be set on classes, ids or directly on the HTML element.

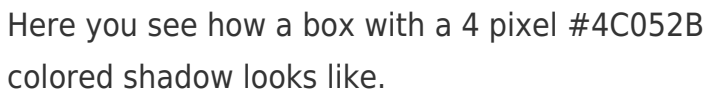
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C052B }
```

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

```
.border{ border-color:#4C052B }
```

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



Here you see how a box with a 4 pixel #4C052B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C052B; -webkit-box-shadow:4px 4px  
4px 4px #4C052B; box-shadow:4px 4px 4px  
4px #4C052B }
```

# Background

The CSS property to change the background color of an element to Hex 4C052B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C052B }
```

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

```
.background{ background-color:#4C052B }
```

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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