

Converting Colors

Hex(4C2C59)

Have a look what the booklet for
Hex(4C2C59) contains.

Hex(4C2C59)	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(4C2C59)

Conversions

Conversions Part 1

Format	Color
Hex	4C2C59
RGB	76, 44, 89
RGB Percent	30%, 17%, 35%
CMY	0.7020, 0.8275, 0.6510
CMYK	0.15, 0.51, 0.00, 0.65
HSL	283°, 34%, 26%
HSV	283°, 51%, 35%
XYZ	5.6843, 4.0591, 9.9351
YIQ	58.6980, 4.6270, 20.7790

Conversions

Conversions Part 2

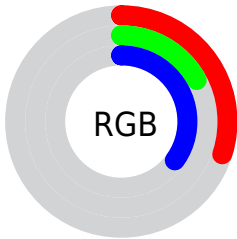
Format	Color
R_{YB}	76, 44, 89
Decimal	4992089
CIE _{Lab}	23.87, 23.70, -21.31
CIE _{LCh}	24, 31.865, 318.041
Yxy	4.0591, 0.2889, 0.2063
Android (android.graphics.Color)	4283182169 (0xFF4C2C59)
YUV	58.6980, 14.9389, 15.1739
Hunter-Lab	20.1473, 15.1041, -15.1341

Details

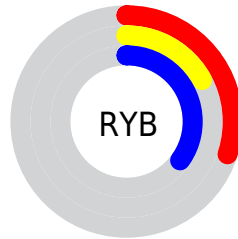
The Hex color **4C2C59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39592C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7E5B8B**, and **1F002B** is the 20% darker color. If you saturate the color by 10%, you get **492359**, and if you desaturate by 10%, it is **4F3559**.

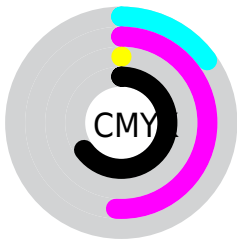
Distribution



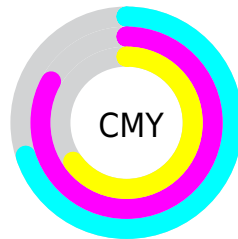
- Red (30%)
- Green (17%)
- Blue (35%)



- Red (30%)
- Yellow (17%)
- Blue (35%)



- Cyan (15%)
- Magenta (51%)
- Yellow (0%)
- Black (65%)



- Cyan (70%)
- Magenta (83%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2C59 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 4C2C59 by changing the saturation by 10% instead.

4C2C59

4C2C59

FFFFFF

341641

7E5B8B

1F002B

9874A6

000116

B38DC1

000000

CFA8DD

ECC3F9

FFDFFF

FFFCFF

4C2C59

4C2C59

■ 492359

■ 4F3559

■ 471A59

■ 513E59

■ 441159

■ 544759

■ 420859

■ 565059

■ 3F0059

■ 595959

■ 5B6159

■ 5E6A59

■ 617359

■ 637C59

Harmonies

Analogous

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



263666



4C2C59



5F2343

Triad

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



4C2C59



4D3405



004447

Complementary

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



4C2C59



39592C

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.



00442E



4C2C59



373C05

Square

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



4C2C59



5D2A16



1A4117



00435C

Rectangle

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



4C2C59



642233



1A4117



00443F

Sweetspot

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



4C2C59



6E6273



2C3959



38303B



BABABA



3B3B3B

Same Dimension

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



4C2C59



5F2D73



592C50



2A272B



4C006B



A700EB

Inverse Universe

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



592C39



732D41



2C5935



2B2728



6B001F



EB0044

Previews

White Background



This preview shows how the Hex color 4C2C59 looks on a white background.

Color Contrast Check

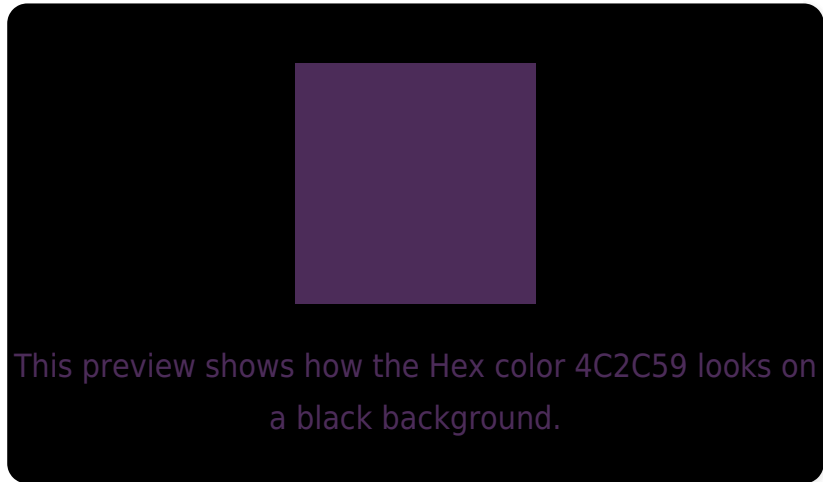
Large Text (above 18pt) WCAG AA ✓ Pass

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

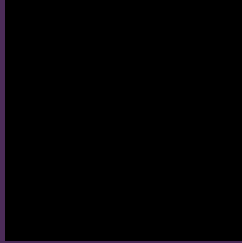
Any Text WCAG AA × Fail

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 4C2C59 Background



This preview shows how black text looks on a background with the Hex color 4C2C59.



This preview shows how white text looks on a background with the Hex color 4C2C59.

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](#).

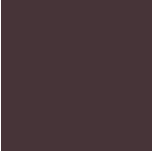
Dichromacy



Original Color
4C2C59

Protanopia
253864

Deuteranopia
2B3957



Tritanopia
473438

Trichromacy



Original Color
4C2C59

Protanomaly
333460

Deuteranomaly
373458

Tritanomaly
493144

Monochromacy



Original Color
4C2C59

Achromatopsia
3B3B3B

Achromatomaly
413646

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2C59 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 #4C2C59 looks like.

```
.text, #text, p{  
    color:#4C2C59  
}
```

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 #4C2C59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2C59
}
```

Border

The CSS property to change the border of an element to Hex 4C2C59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

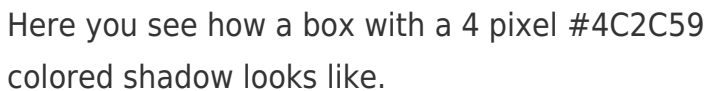
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C2C59 }
```

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

```
.border{ border-color:#4C2C59 }
```

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



Here you see how a box with a 4 pixel #4C2C59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2C59; -webkit-box-shadow:4px 4px  
4px 4px #4C2C59; box-shadow:4px 4px 4px  
4px #4C2C59 }
```

Background

The CSS property to change the background color of an element to Hex 4C2C59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2C59 }
```

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

```
.background{ background-color:#4C2C59 }
```

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