

# Converting Colors

Hex(4C3349)

Have a look what the booklet for  
Hex(4C3349) contains.

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# Color

**Hex(4C3349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C3349
RGB	76, 51, 73
RGB Percent	30%, 20%, 29%
CMY	0.7020, 0.8000, 0.7137
CMYK	0.00, 0.33, 0.04, 0.70
HSL	307°, 20%, 25%
HSV	307°, 33%, 30%
XYZ	5.3669, 4.3852, 6.8669
YIQ	60.9830, 7.8380, 12.1420

# Conversions

## Conversions Part 2

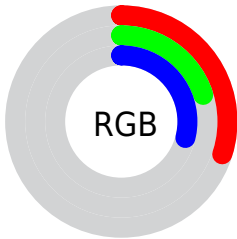
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 51, 73
Decimal	4993865
CIE Lab	24.91, 15.50, -9.08
CIE LCh	25, 17.967, 329.639
Yxy	4.3852, 0.3229, 0.2639
Android (android.graphics.Color)	4283183945 (0xFF4C3349)
YUV	60.9830, 5.9244, 13.1699
Hunter-Lab	20.9408, 9.1012, -4.7837

# Details

The Hex color **4C3349** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334C36**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7D627A**, and **20071D** is the 20% darker color. If you saturate the color by 10%, you get **4C2B48**, and if you desaturate by 10%, it is **4C3B4A**.

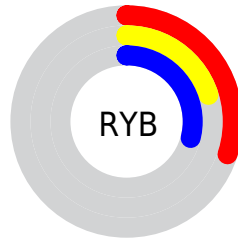
# Distribution



Red (30%)

Green (20%)

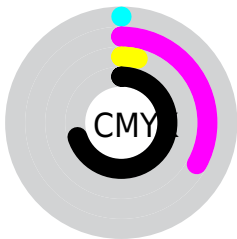
Blue (29%)



Red (30%)

Yellow (20%)

Blue (29%)

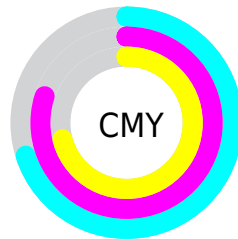


Cyan (0%)

Magenta (33%)

Yellow (4%)

Black (70%)



Cyan (70%)

Magenta (80%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C3349 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 4C3349 by changing the saturation by 10% instead.



■ 4C3349

■ 4C3349

FFFFFF

■ 351D32

■ 7D627A

■ 20071D

■ 977B93

■ 000001

■ B295AE

■ 000000

■ CEAF09

■ EACBE5

■ FFE7FF

■ 4C3349

■ 4C3349

■ 4C2B48

■ 4C3B4A

 4C2447

 4C424B

 4C1C46

 4C4A4C

 4C1545

 4C514D

 4C0D44

 4C594E

 4C0544

 4C614E

 4C0043

 4C684F

 4C7050

 4C7751

# Harmonies

## Analogous

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



3C3853



4C3349



54313C

# Triad

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



4C3349



443A20



034248

# Complementary

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



4C3349



334C36

# 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.



13423A



4C3349



363E23

# Square

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



4C3349



4F3624



26412D



0F4052

# Rectangle

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



4C3349



563133



26412D



064244



# Sweetspot

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



4C3349



635A62



36334C



332D32



B3B3B3



333333



# Same Dimension

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



4C3349



633D5F



4C333D



262226



66005A



E600CA



# Inverse Universe

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



4C3349



633D5F



334C42



262226



66005A



E600CA



# Previews

## White Background



This preview shows how the Hex color 4C3349 looks on a white background.

## Color Contrast Check

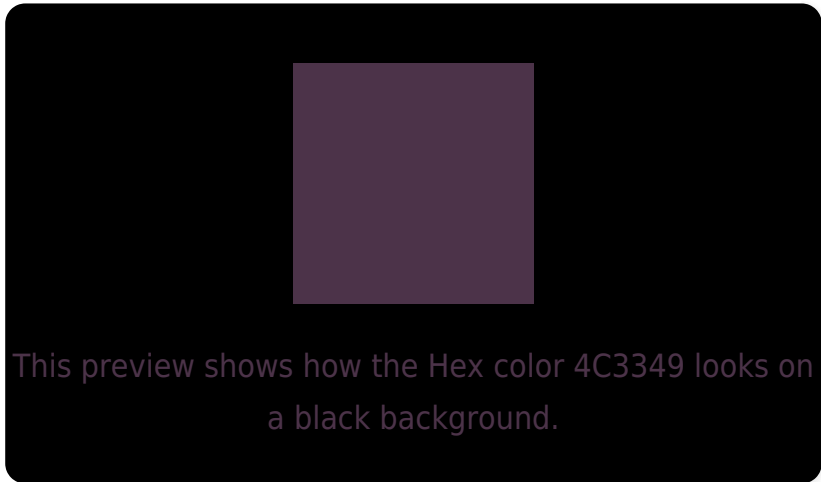
Large Text (above 18pt) WCAG AA ✓ Pass

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

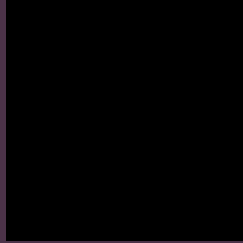
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C3349 Background



This preview shows how black text looks on a background with the Hex color 4C3349.

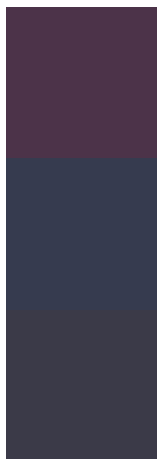


This preview shows how white text looks on a background with the Hex color 4C3349.

# 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](#).

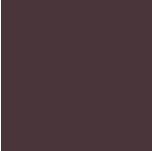
## Dichromacy



**Original Color**  
4C3349

**Protanopia**  
363B4F

**Deuteranopia**  
3B3A48



**Tritanopia**  
4A363A

# Trichromacy



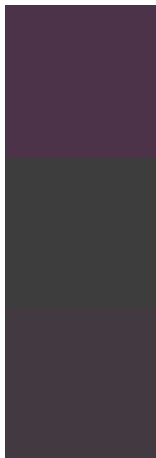
**Original Color**  
4C3349

**Protanomaly**  
3E384D

**Deuteranomaly**  
413748

**Tritanomaly**  
4B353F

# Monochromacy



**Original Color**  
4C3349

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
423941

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C3349 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 #4C3349 looks like.

```
.text, #text, p{  
    color:#4C3349  
}
```

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 #4C3349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3349
}
```

## Border

The CSS property to change the border of an element to Hex 4C3349 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".

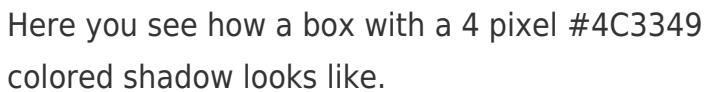
```
.border, #border, table{ border:4px solid
#4C3349 }
```

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

```
.border{ border-color:#4C3349 }
```

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

Here you see how a box with a 4 pixel #4C3349 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3349; -webkit-box-shadow:4px 4px  
4px 4px #4C3349; box-shadow:4px 4px 4px  
4px #4C3349 }
```

# Background

The CSS property to change the background color of an element to Hex 4C3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3349 }
```

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

```
.background{ background-color:#4C3349 }
```

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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