

# Converting Colors

Hex(4C342F)

Have a look what the booklet for  
Hex(4C342F) contains.

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# Color

Hex(4C342F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C342F
RGB	76, 52, 47
RGB Percent	30%, 20%, 18%
CMY	0.7020, 0.7961, 0.8157
CMYK	0.00, 0.32, 0.38, 0.70
HSL	10°, 24%, 24%
HSV	10°, 38%, 30%
XYZ	4.7216, 4.1977, 3.2507
YIQ	58.6060, 15.9090, 3.5330

# Conversions

## Conversions Part 2

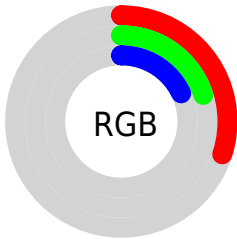
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 53, 47
Decimal	4994095
CIELab	24.31, 10.03, 7.46
CIElCh	24, 12.505, 36.645
Yxy	4.1977, 0.3880, 0.3449
Android (android.graphics.Color)	4283184175 (0xFF4C342F)
YUV	58.6060, -5.7218, 15.2545
Hunter-Lab	20.4883, 5.2811, 4.9348

# Details

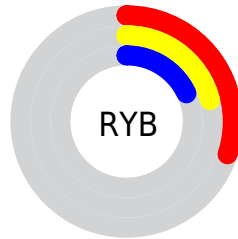
The Hex color **4C342F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F474C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7E635D**, and **210700** is the 20% darker color. If you saturate the color by 10%, you get **4C2E27**, and if you desaturate by 10%, it is **4C3A37**.

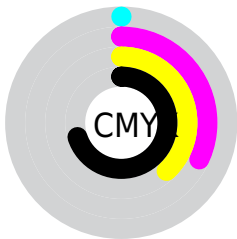
# Distribution



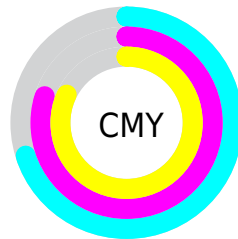
- Red (30%)
- Green (20%)
- Blue (18%)



- Red (30%)
- Yellow (21%)
- Blue (18%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (70%)



- Cyan (70%)
- Magenta (80%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C342F 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 4C342F by changing the saturation by 10% instead.





4C342F



4C342F

FFFFFFF



351F1A



7E635D



210700



987C75



000000



B3958F



CFB0AA



EBCCC5



FFE8E1

FFFFFFD



4C342F



4C342F

■ 4C2E27

■ 4C3A37

■ 4C2720

■ 4C413E

■ 4C2118

■ 4C4746

■ 4C1B11

■ 4C4D4D

■ 4C1509

■ 4C5355

■ 4C0E01

■ 4C5A5D

■ 4C0D00

■ 4C6064

■ 4C666C

■ 4C6D73

# Harmonies

## Analogous

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



4C3338



4C342F



473729

# Triad

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



4C342F



293E32



313A4C

# Complementary

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



4C342F



2F474C

# 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.



243D4B



4C342F



203F3C

# Square

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



4C342F



343D2A



1E3F45



3E3749

# Rectangle

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



4C342F



423927



1E3F45



2D3B4C



# Sweetspot

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



4C342F



635A59



4C2F47



332E2C



B3B3B3



333333



# Same Dimension

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



4C342F



633E36



4C422F



262322



661200



E62800



# Inverse Universe

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



2F474C



365C63



2F394C



222626



005466



00BEE6



# Previews

## White Background



This preview shows how the Hex color 4C342F looks on a white background.

## Color Contrast Check

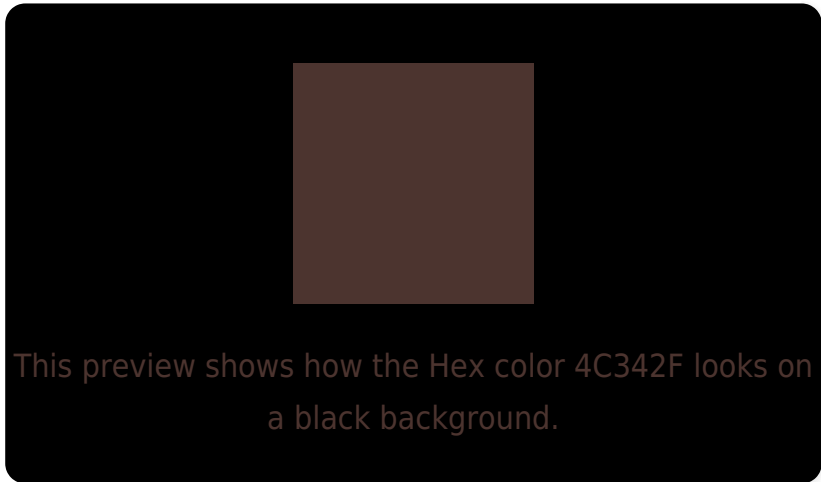
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C342F Background



This preview shows how black text looks on a background with the Hex color 4C342F.

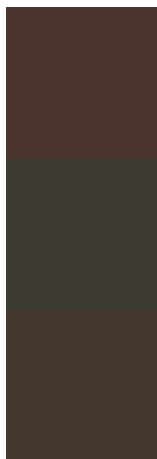


This preview shows how white text looks on a background with the Hex color 4C342F.

# 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**  
4C342F

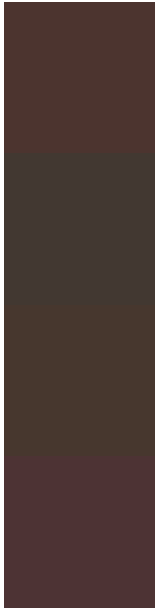
**Protanopia**  
3D3A32

**Deuteranopia**  
44382E



**Tritanopia**  
4D3337

# Trichromacy



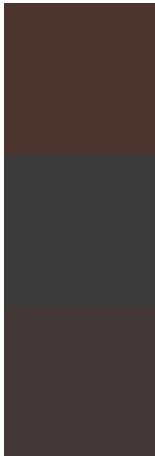
**Original Color**  
4C342F

**Protanomaly**  
423831

**Deuteranomaly**  
47372E

**Tritanomaly**  
4D3334

# Monochromacy



**Original Color**  
4C342F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
413837

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C342F 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 #4C342F looks like.

```
.text, #text, p{  
    color:#4C342F  
}
```

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 #4C342F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C342F
}
```

## Border

The CSS property to change the border of an element to Hex 4C342F is called "border". The border property can be set on classes, ids or directly on the HTML element.

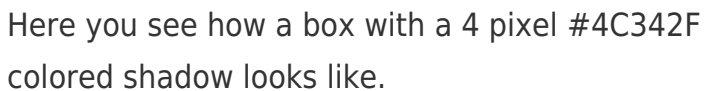
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C342F }
```

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

```
.border{ border-color:#4C342F }
```

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



Here you see how a box with a 4 pixel #4C342F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C342F; -webkit-box-shadow:4px 4px  
4px 4px #4C342F; box-shadow:4px 4px 4px  
4px #4C342F }
```

# Background

The CSS property to change the background color of an element to Hex 4C342F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C342F }
```

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

```
.background{ background-color:#4C342F }
```

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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