

Converting Colors

Hex(4C3B3A)

Have a look what the booklet for
Hex(4C3B3A) contains.

Hex(4C3B3A)	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(4C3B3A)

Conversions

Conversions Part 1

Format	Color
Hex	4C3B3A
RGB	76, 59, 58
RGB Percent	30%, 23%, 23%
CMY	0.7020, 0.7686, 0.7725
CMYK	0.00, 0.22, 0.24, 0.70
HSL	3°, 13%, 26%
HSV	3°, 24%, 30%
XYZ	5.3082, 4.9699, 4.6825
YIQ	63.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

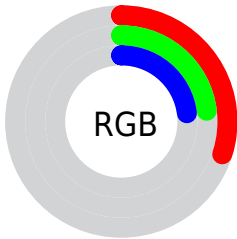
Format	Color
R_{YB}	76, 59, 58
Decimal	4995898
CIE Lab	26.65, 7.29, 3.46
CIE LCh	27, 8.069, 25.407
Yxy	4.9699, 0.3548, 0.3322
Android (android.graphics.Color)	4283185978 (0xFF4C3B3A)
YUV	63.9690, -2.9427, 10.5512
Hunter-Lab	22.2933, 3.4887, 3.1520




Details

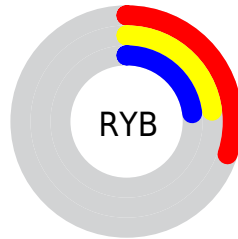
The Hex color **4C3B3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4B4C**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **7D6A69**, and **20110F** is the 20% darker color. If you saturate the color by 10%, you get **4C3432**, and if you desaturate by 10%, it is **4C4242**.

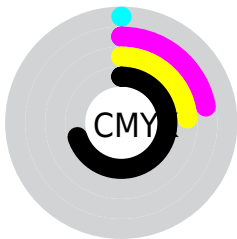
Distribution







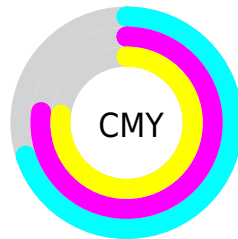
-  Red (30%)
-  Green (23%)
-  Blue (23%)






-  Red (30%)
-  Yellow (23%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (24%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3B3A 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 4C3B3A by changing the saturation by 10% instead.

■ 4C3B3A

■ 4C3B3A

FFFFFF

■ 352524

■ 7D6A69

■ 20110F

■ 978382

■ 000000

■ B29E9C

■ CEB8B7

■ EAD4D3

■ FFF0EF

■ 4C3B3A

■ 4C3B3A

■ 4C3432

■ 4C4242

■ 4C2D2B

■ 4C4949

■ 4C2523

■ 4C5151

■ 4C1E1C

■ 4C5858

■ 4C1714

■ 4C5F60

■ 4C100C

■ 4C6668

■ 4C0905

■ 4C6D6F

■ 4C0400

■ 4C7477

■ 4C7C7E

Harmonies

Analogous

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



4B3B40



4C3B3A



4A3C35

Triad

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



4C3B3A



374238



37404B

Complementary

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



4C3B3A



3A4B4C

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.



314249



4C3B3A



31433E

Square

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



4C3B3A



3E4034



2F4244



3F3E4A

Rectangle

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



4C3B3A



473E33



2F4244



35404B

Sweetspot

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



4C3B3A



635D5C



4C3A4B



332F2F



B3B3B3



333333

Same Dimension

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



4C3B3A



634948



4C443A



262322



660600



E60D00

Inverse Universe

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



3A4B4C



486263



3A424C



222626



006066



00D9E6

Previews

White Background



This preview shows how the Hex color 4C3B3A looks on a white background.

Color Contrast Check

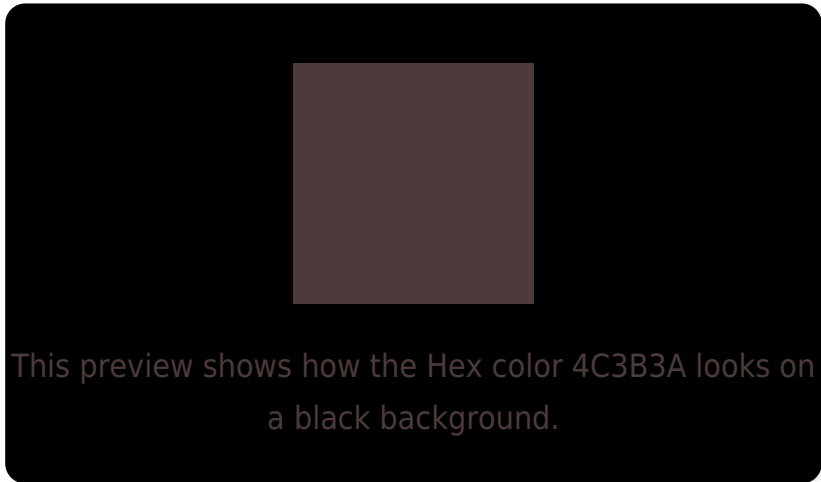
Large Text (above 18pt) WCAG AA ✓ Pass

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

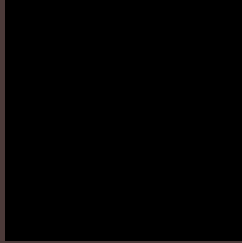
Any Text WCAG AA × Fail

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 4C3B3A Background



This preview shows how black text looks on a background with the Hex color 4C3B3A.



This preview shows how white text looks on a background with the Hex color 4C3B3A.

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
4C3B3A

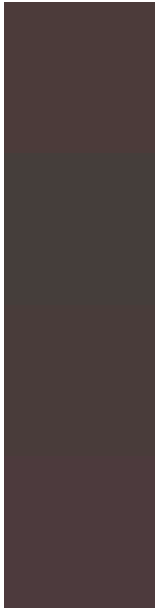
Protanopia
413F3C

Deuteranopia
473D3A



Tritanopia
4D3A3F

Trichromacy



Original Color

4C3B3A

Protanomaly

453E3B

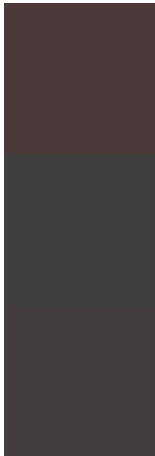
Deuteranomaly

493C3A

Tritanomaly

4D3A3D

Monochromacy



Original Color

4C3B3A

Achromatopsia

404040

Achromatomaly

443E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3B3A 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 #4C3B3A looks like.

```
.text, #text, p{  
    color:#4C3B3A  
}
```

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 #4C3B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3B3A
}
```

Border

The CSS property to change the border of an element to Hex 4C3B3A 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
#4C3B3A }
```

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

```
.border{ border-color:#4C3B3A }
```

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

Here you see how a box with a 4 pixel #4C3B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3B3A; -webkit-box-shadow:4px 4px  
4px 4px #4C3B3A; box-shadow:4px 4px 4px  
4px #4C3B3A }
```

Background

The CSS property to change the background color of an element to Hex 4C3B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3B3A }
```

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

```
.background{ background-color:#4C3B3A }
```

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