

Converting Colors

Hex(4C3A34)

Have a look what the booklet for
Hex(4C3A34) contains.

Hex(4C3A34)	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(4C3A34)

Conversions

Conversions Part 1

Format	Color
Hex	4C3A34
RGB	76, 58, 52
RGB Percent	30%, 23%, 20%
CMY	0.7020, 0.7725, 0.7961
CMYK	0.00, 0.24, 0.32, 0.70
HSL	15°, 19%, 25%
HSV	15°, 32%, 30%
XYZ	5.1134, 4.8105, 3.9078
YIQ	62.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

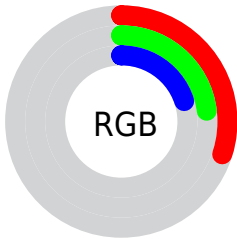
Format	Color
R _Y B	76, 60, 52
Decimal	4995636
CIE Lab	26.19, 6.91, 6.77
CIE LCh	26, 9.670, 44.409
Yxy	4.8105, 0.3697, 0.3478
Android (android.graphics.Color)	4283185716 (0xFF4C3A34)
YUV	62.6980, -5.2741, 11.6659
Hunter-Lab	21.9330, 3.2323, 4.7893




Details

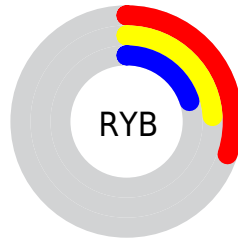
The Hex color **4C3A34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34464C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7D6962**, and **201006** is the 20% darker color. If you saturate the color by 10%, you get **4C342C**, and if you desaturate by 10%, it is **4C403C**.

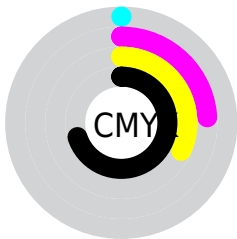
Distribution







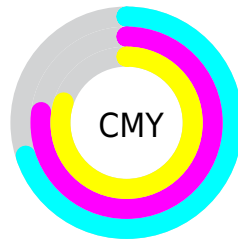
-  Red (30%)
-  Green (23%)
-  Blue (20%)






-  Red (30%)
-  Yellow (24%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (24%)
-  Yellow (32%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3A34 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 4C3A34 by changing the saturation by 10% instead.

■ 4C3A34

■ 4C3A34

FFFFFF

■ 35241F

■ 7D6962

■ 201006

■ 98827B

■ 000000

■ B29C95

■ CEB7B0

■ EAD3CB

■ FFEFE7

■ 4C3A34

■ 4C3A34

■ 4C342C

■ 4C403C

■ 4C2F25

■ 4C4543

■ 4C291D

■ 4C4B4B

■ 4C2316

■ 4C5152

■ 4C1E0E

■ 4C565A

■ 4C1806

■ 4C5C62

■ 4C1300

■ 4C6269

■ 4C6871

■ 4C6D78

Harmonies

Analogous

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



4D393B



4C3A34



473C30

Triad

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



4C3A34



30423A



3A3D4C

Complementary

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



4C3A34



34464C

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.



31404C



4C3A34



2B4241

Square

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



4C3A34



384133



2B4148



443B49

Rectangle

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



4C3A34



433E2F



2B4148



373E4C

Sweetspot

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



4C3A34



635D5A



4C3446



332F2D



B3B3B3



333333

Same Dimension

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



4C3A34



63473E



4C4634



262322



661A00



E63900

Inverse Universe

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



34464C



3E5A63



343A4C



222526



004D66



00ACE6

Previews

White Background



This preview shows how the Hex color 4C3A34 looks on a white background.

Color Contrast Check

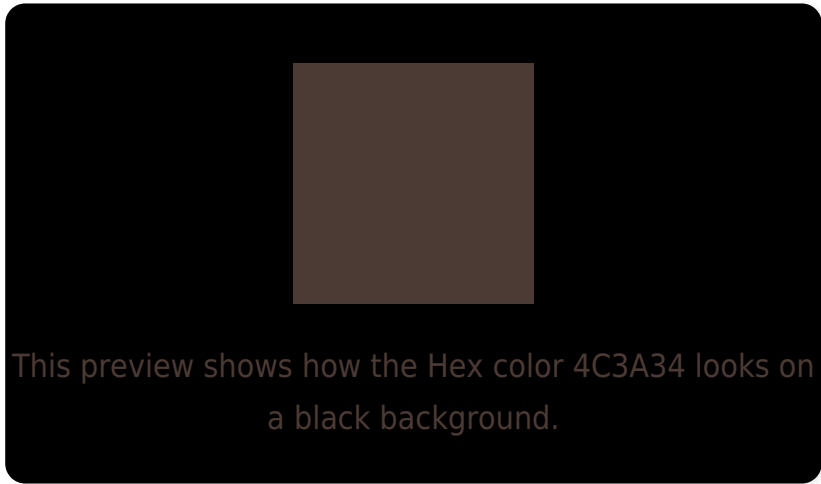
Large Text (above 18pt) WCAG AA ✓ Pass

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

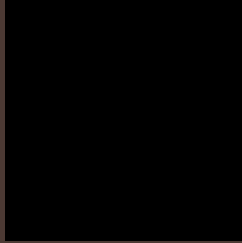
Any Text WCAG AA × Fail

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 4C3A34 Background



This preview shows how black text looks on a background with the Hex color 4C3A34.

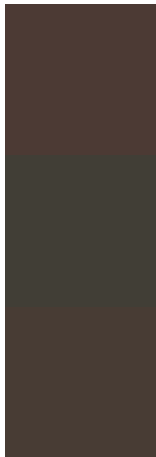


This preview shows how white text looks on a background with the Hex color 4C3A34.

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](#).

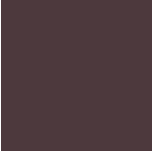
Dichromacy



Original Color
4C3A34

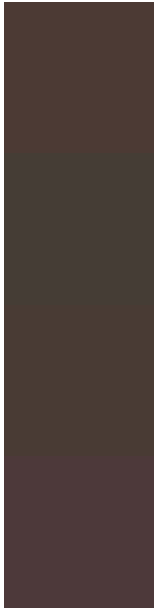
Protanopia
413E36

Deuteranopia
483C34



Tritanopia
4D393D

Trichromacy



Original Color

4C3A34

Protanomaly

453D35

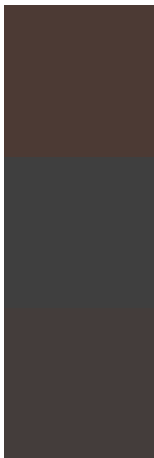
Deuteranomaly

493B34

Tritanomaly

4D393A

Monochromacy



Original Color

4C3A34

Achromatopsia

3F3F3F

Achromatomaly

443D3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3A34 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 #4C3A34 looks like.

```
.text, #text, p{  
    color:#4C3A34  
}
```

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 #4C3A34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3A34
}
```

Border

The CSS property to change the border of an element to Hex 4C3A34 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
#4C3A34 }
```

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

```
.border{ border-color:#4C3A34 }
```

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

Here you see how a box with a 4 pixel #4C3A34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3A34; -webkit-box-shadow:4px 4px  
4px 4px #4C3A34; box-shadow:4px 4px 4px  
4px #4C3A34 }
```

Background

The CSS property to change the background color of an element to Hex 4C3A34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3A34 }
```

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

```
.background{ background-color:#4C3A34 }
```

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