

Converting Colors

Hex(3C341C)

Have a look what the booklet for
Hex(3C341C) contains.

Hex(3C341C)	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(3C341C)

Conversions

Conversions Part 1

Format	Color
Hex	3C341C
RGB	60, 52, 28
RGB Percent	24%, 20%, 11%
CMY	0.7647, 0.7961, 0.8902
CMYK	0.00, 0.13, 0.53, 0.76
HSL	45°, 36%, 17%
HSV	45°, 53%, 24%
XYZ	3.3011, 3.5005, 1.6003
YIQ	51.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

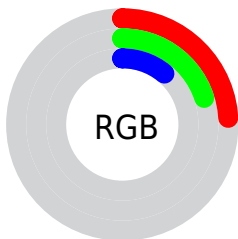
Format	Color
RYB	39, 60, 28
Decimal	3945500
CIELab	21.95, -0.43, 16.43
CIElCh	22, 16.440, 91.491
Yxy	3.5005, 0.3929, 0.4166
Android (android.graphics.Color)	4282135580 (0xFF3C341C)
YUV	51.6560, -11.6624, 7.3177
Hunter-Lab	18.7096, -1.2477, 8.0255

Details

The Hex color **3C341C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1C243C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6C6248**, and **0A0700** is the 20% darker color. If you saturate the color by 10%, you get **3C3216**, and if you desaturate by 10%, it is **3C3522**.

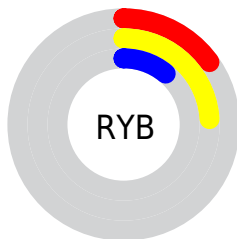
Distribution



Red (24%)

Green (20%)

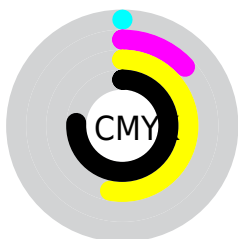
Blue (11%)



Red (15%)

Yellow (24%)

Blue (11%)

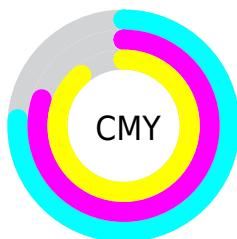


Cyan (0%)

Magenta (13%)

Yellow (53%)

Black (76%)



Cyan (76%)

Magenta (80%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C341C 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 3C341C by changing the saturation by 10% instead.



3C341C



3C341C

FFFFFF



261F03



6C6248



0A0700



867B60



000000



A09579



BCB092



D7CBAD



F4E7C9



FFFFE5



3C341C



3C341C

■ 3C3216

■ 3C3522

■ 3C3110

■ 3C3728

■ 3C2F0A

■ 3C382E

■ 3C2E04

■ 3C3A34

■ 3C2D00

■ 3C3B3A

■ 3C3D40

■ 3C3F46

■ 3C404C

■ 3C4152

Harmonies

Analogous

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



46301F



3C341C



2F381F

Triad

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



3C341C



043B41



442D40

Complementary

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



3C341C



1C243C

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.



373149



3C341C



0F394A

Square

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



3C341C



103B35



24364D



4B2B34

Rectangle

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



3C341C



263925



24364D



412E44

Sweetspot

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



3C341C



4F4C42



3C1C24



292721



A8A8A8



292929

Same Dimension

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



3C341C



4F421C



343C1C



1F1E1C



5E4700



DEA600

Inverse Universe

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



1C243C



1C294F



241C3C



1C1C1F



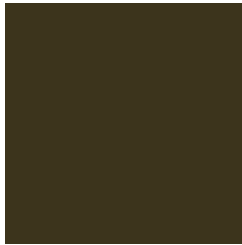
00185E



0037DE

Previews

White Background



This preview shows how the Hex color 3C341C looks on a white background.

Color Contrast Check

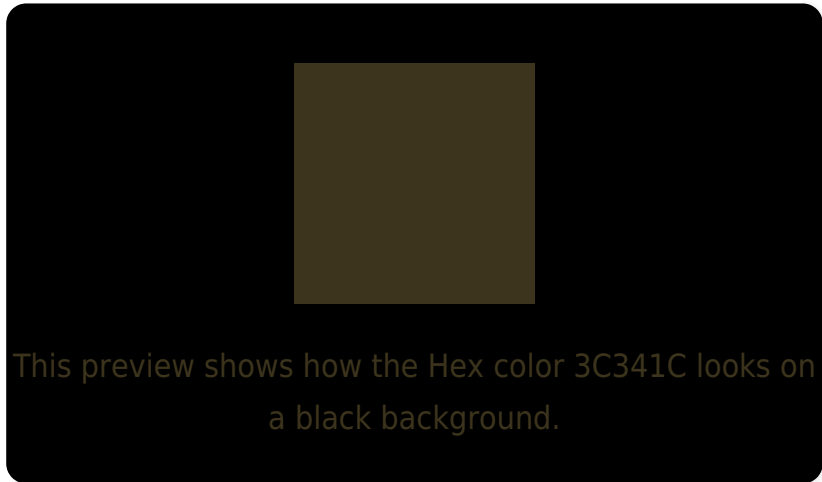
Large Text (above 18pt) WCAG AA ✓ Pass

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

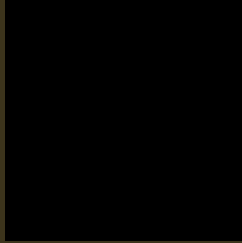
Any Text WCAG AA × Fail

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 3C341C Background



This preview shows how black text looks on a background with the Hex color 3C341C.

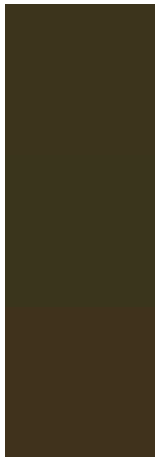


This preview shows how white text looks on a background with the Hex color 3C341C.

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
3C341C

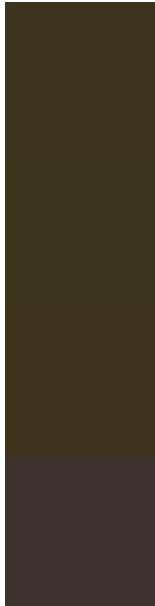
Protanopia
3A351C

Deuteranopia
40321C



Tritanopia
3E3135

Trichromacy



Original Color
3C341C

Protanomaly
3B351C

Deuteranomaly
3F331C

Tritanomaly
3D322C

Monochromacy



Original Color
3C341C

Achromatopsia
343434

Achromatomaly
37342B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C341C 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 #3C341C looks like.

```
.text, #text, p{  
    color:#3C341C  
}
```

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 #3C341C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C341C
}
```

Border

The CSS property to change the border of an element to Hex 3C341C is called "border". The border property can be set on classes, ids or directly on the HTML element.

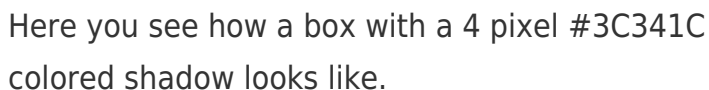
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C341C }
```

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

```
.border{ border-color:#3C341C }
```

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



Here you see how a box with a 4 pixel #3C341C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C341C; -webkit-box-shadow:4px 4px  
4px 4px #3C341C; box-shadow:4px 4px 4px  
4px #3C341C }
```

Background

The CSS property to change the background color of an element to Hex 3C341C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C341C }
```

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

```
.background{ background-color:#3C341C }
```

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