

Converting Colors

Hex(3B402B)

Have a look what the booklet for
Hex(3B402B) contains.

Hex(3B402B)	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(3B402B)

Conversions

Conversions Part 1

Format	Color
Hex	3B402B
RGB	59, 64, 43
RGB Percent	23%, 25%, 17%
CMY	0.7686, 0.7490, 0.8314
CMYK	0.08, 0.00, 0.33, 0.75
HSL	74°, 20%, 21%
HSV	74°, 33%, 25%
XYZ	4.0731, 4.7710, 2.9917
YIQ	60.1110, 3.7610, -7.5910

Conversions

Conversions Part 2

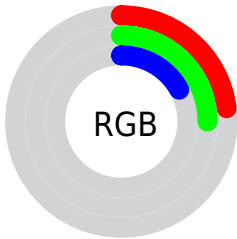
Format	Color
RYB	43, 64, 48
Decimal	3883051
CIELab	26.07, -6.38, 12.19
CIElCh	26, 13.754, 117.614
Yxy	4.7710, 0.3441, 0.4031
Android (android.graphics.Color)	4282073131 (0xFF3B402B)
YUV	60.1110, -8.4357, -0.9743
Hunter-Lab	21.8427, -4.9392, 7.1691

Details

The Hex color **3B402B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302B40**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B7059**, and **101600** is the 20% darker color. If you saturate the color by 10%, you get **394025**, and if you desaturate by 10%, it is **3D4031**.

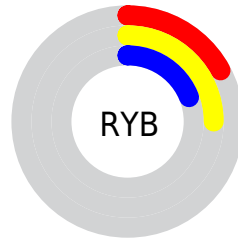
Distribution



Red (23%)

Green (25%)

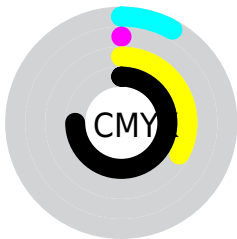
Blue (17%)



Red (17%)

Yellow (25%)

Blue (19%)

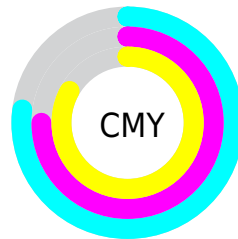


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (75%)



Cyan (77%)

Magenta (75%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B402B 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 3B402B by changing the saturation by 10% instead.

■ 3B402B

■ 3B402B

FFFFFF

■ 252A16

■ 6B7059

■ 101600

■ 848971

■ 000000

■ 9EA38B

■ B9BEA5

■ D5DAC0

■ F1F7DC

■ FFFFF9

■ 3B402B

■ 3B402B

■ 394025

■ 3D4031

■ 38401E

■ 3E4038

■ 364018

■ 40403E

■ 354011

■ 414045

■ 33400B

■ 43404B

■ 324005

■ 444051

■ 314000

■ 464058

■ 47405E

■ 494065

Harmonies

Analogous

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



463D29



3B402B



2F4232

Triad

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



3B402B



22424F



51363F

Complementary

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



3B402B



302B40

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.



4A3849



3B402B



2F3F52

Square

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



3B402B



1D4347



3E3B50



533735

Rectangle

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



3B402B



274339



3E3B50



503642

Sweetspot

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



3B402B



52544C



40302B



2A2B26



ABABAB



2B2B2B

Same Dimension

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



3B402B



4C5433



31402B



20211E



4A6100



ABE000

Inverse Universe

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



302B40



3B3354



3A2B40



1F1E21



170061



3500E0

Previews

White Background



This preview shows how the Hex color 3B402B 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

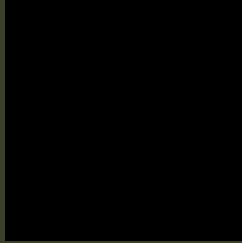
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

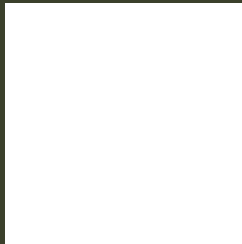
Any Text WCAG AAA × Fail

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

Hex 3B402B Background



This preview shows how black text looks on a background with the Hex color 3B402B.

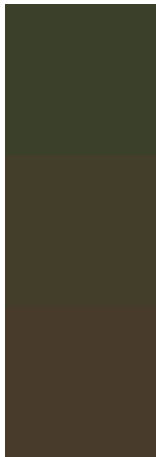


This preview shows how white text looks on a background with the Hex color 3B402B.

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
3B402B

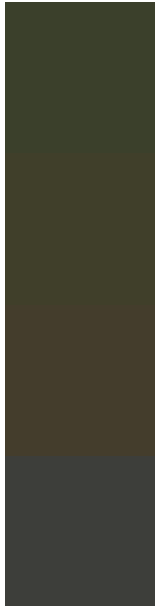
Protanopia
433E2A

Deuteranopia
493B2C



Tritanopia
3E3D42

Trichromacy



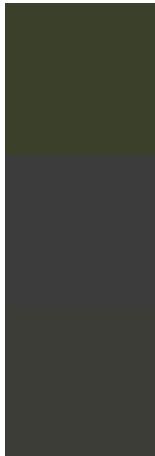
Original Color
3B402B

Protanomaly
403F2A

Deuteranomaly
443D2C

Tritanomaly
3D3E3A

Monochromacy



Original Color
3B402B

Achromatopsia
3C3C3C

Achromatomaly
3C3D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B402B 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 #3B402B looks like.

```
.text, #text, p{  
    color:#3B402B  
}
```

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 #3B402B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B402B
}
```

Border

The CSS property to change the border of an element to Hex 3B402B is called "border". The border property can be set on classes, ids or directly on the HTML element.

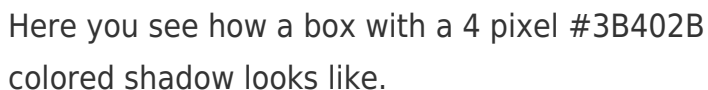
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B402B }
```

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

```
.border{ border-color:#3B402B }
```

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



Here you see how a box with a 4 pixel #3B402B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B402B; -webkit-box-shadow:4px 4px  
4px 4px #3B402B; box-shadow:4px 4px 4px  
4px #3B402B }
```

Background

The CSS property to change the background color of an element to Hex 3B402B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B402B }
```

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

```
.background{ background-color:#3B402B }
```

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