

Converting Colors

Hex(3C441D)

Have a look what the booklet for
Hex(3C441D) contains.

Hex(3C441D)	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(3C441D)

Conversions

Conversions Part 1

Format	Color
Hex	3C441D
RGB	60, 68, 29
RGB Percent	24%, 27%, 11%
CMY	0.7647, 0.7333, 0.8863
CMYK	0.12, 0.00, 0.57, 0.73
HSL	72°, 40%, 19%
HSV	72°, 57%, 27%
XYZ	4.1524, 5.1836, 1.9441
YIQ	61.1620, 7.7510, -13.8250

Conversions

Conversions Part 2

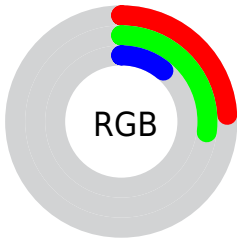
Format	Color
RYB	29, 68, 37
Decimal	3949597
CIELab	27.25, -10.33, 22.30
CIElCh	27, 24.575, 114.858
Yxy	5.1836, 0.3681, 0.4595
Android (android.graphics.Color)	4282139677 (0xFF3C441D)
YUV	61.1620, -15.8559, -1.0191
Hunter-Lab	22.7675, -7.2882, 10.8746

Details

The Hex color **3C441D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **251D44**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6C744A**, and **0E1A00** is the 20% darker color. If you saturate the color by 10%, you get **3B4416**, and if you desaturate by 10%, it is **3D4424**.

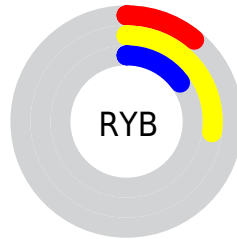
Distribution



Red (24%)

Green (27%)

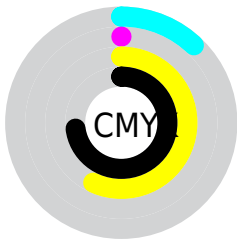
Blue (11%)



Red (11%)

Yellow (27%)

Blue (15%)

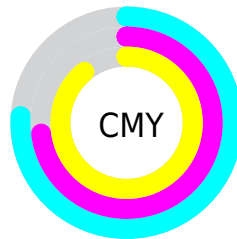


Cyan (12%)

Magenta (0%)

Yellow (57%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C441D 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 3C441D by changing the saturation by 10% instead.

■ 3C441D

■ 3C441D

FFFFFF

■ 262E06

■ 6C744A

■ 0E1A00

■ 868E62

■ 000000

■ A0A87B

■ BCC395

■ D8DFB0

■ F4FCCC

■ FFFFE8

■ 3C441D

■ 3C441D

■ 3B4416

■ 3D4424

■ 39440F

■ 3F442B

■ 384409

■ 404431

■ 364402

■ 424438

■ 364400

■ 43443F

■ 444446

■ 46444D

■ 474453

■ 49445A

Harmonies

Analogous

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



4E3E1A



3C441D



25482A

Triad

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



3C441D



00485F



613144

Complementary

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



3C441D



251D44

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.



553656



3C441D



174366

Square

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



3C441D



004A50



3D3D62



643232

Rectangle

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



3C441D



0F4936



3D3D62



5E324B

Sweetspot

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



3C441D



56594A



44251D



2C2E25



ADADAD



2E2E2E

Same Dimension

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



3C441D



4D591C



29441D



20211E



4D6100



B2E000

Inverse Universe

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



251D44



281C59



381D44



1F1E21



140061



2E00E0

Previews

White Background



This preview shows how the Hex color 3C441D looks on a white background.

Color Contrast Check

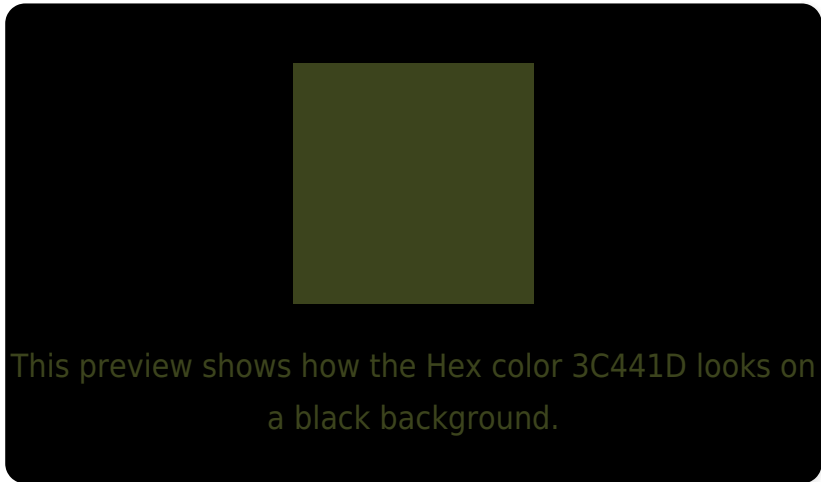
Large Text (above 18pt) WCAG AA ✓ Pass

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

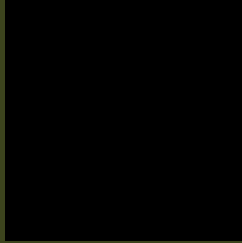
Any Text WCAG AA × Fail

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 3C441D Background



This preview shows how black text looks on a background with the Hex color 3C441D.



This preview shows how white text looks on a background with the Hex color 3C441D.

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
3C441D

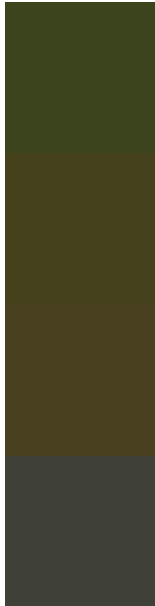
Protanopia
48401C

Deuteranopia
4F3D1F



Tritanopia
404045

Trichromacy



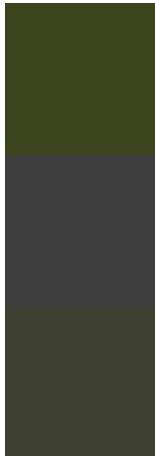
Original Color
3C441D

Protanomaly
44411C

Deuteranomaly
48401E

Tritanomaly
3F4136

Monochromacy



Original Color
3C441D

Achromatopsia
3D3D3D

Achromatomaly
3D4031

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C441D 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 #3C441D looks like.

```
.text, #text, p{  
    color:#3C441D  
}
```

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 #3C441D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C441D
}
```

Border

The CSS property to change the border of an element to Hex 3C441D 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
#3C441D }
```

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

```
.border{ border-color:#3C441D }
```

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

Here you see how a box with a 4 pixel #3C441D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C441D; -webkit-box-shadow:4px 4px  
4px 4px #3C441D; box-shadow:4px 4px 4px  
4px #3C441D }
```

Background

The CSS property to change the background color of an element to Hex 3C441D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C441D }
```

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

```
.background{ background-color:#3C441D }
```

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