

Converting Colors

Hex(3B431C)

Have a look what the booklet for
Hex(3B431C) contains.

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Color

Hex(3B431C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 3B431C |
| RGB | 59, 67, 28 |
| RGB Percent | 23%, 26%, 11% |
| CMY | 0.7686, 0.7373, 0.8902 |
| CMYK | 0.12, 0.00, 0.58, 0.74 |
| HSL | 72°, 41%, 19% |
| HSV | 72°, 58%, 26% |
| XYZ | 4.0204, 5.0280, 1.8572 |
| YIQ | 60.1620, 7.7510, -13.8250 |

Conversions

Conversions Part 2

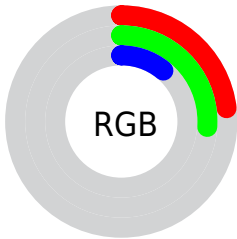
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 28, 67, 36 |
| Decimal | 3883804 |
| CIE Lab | 26.81, -10.33, 22.33 |
| CIE LCh | 27, 24.609, 114.824 |
| Yxy | 5.0280, 0.3687, 0.4610 |
| Android (android.graphics.Color) | 4282073884 (0xFF3B431C) |
| YUV | 60.1620, -15.8559, -1.0191 |
| Hunter-Lab | 22.4231, -7.2360, 10.7855 |

Details

The Hex color **3B431C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **241C43**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B7349**, and **0B1900** is the 20% darker color. If you saturate the color by 10%, you get **3A4315**, and if you desaturate by 10%, it is **3C4323**.

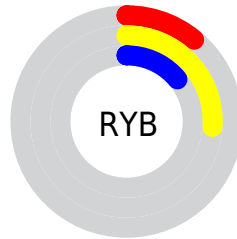
Distribution



Red (23%)

Green (26%)

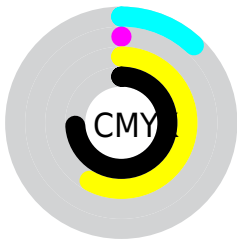
Blue (11%)



Red (11%)

Yellow (26%)

Blue (14%)

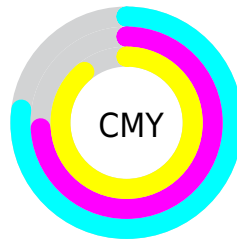


Cyan (12%)

Magenta (0%)

Yellow (58%)

Black (74%)



Cyan (77%)

Magenta (74%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B431C 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 3B431C by changing the saturation by 10% instead.

 3B431C

 3B431C

FFFFFF

 252D04

 6B7349

 0B1900

 858C61

 000000

 9FA77A

 BBC294

 D6DEAF

 F3FACA

 FFFFE6

 3B431C

 3B431C

■ 3A4315

■ 3C4323

■ 38430F

■ 3E4329

■ 374308

■ 3F4330

■ 364301

■ 404337

■ 354300

■ 42433E

■ 434344

■ 45434B

■ 464352

■ 474358

Harmonies

Analogous

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



4D3D19



3B431C



244729

Triad

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



3B431C



00475E



603043

Complementary

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



3B431C



241C43

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.



543555



3B431C



154265

Square

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



3B431C



00494F



3C3C61



633131

Rectangle

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



3B431C



0E4835



3C3C61



5D314A

Sweetspot

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



3B431C



545748



43241C



2A2B23



ABABAB



2B2B2B

Same Dimension

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



3B431C



4A571A



28431C



20211E



4D6100



B2E000

Inverse Universe

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



241C43



261A57



371C43



1F1E21



140061



2E00E0

Previews

White Background



This preview shows how the Hex color 3B431C looks on a white background.

Color Contrast Check

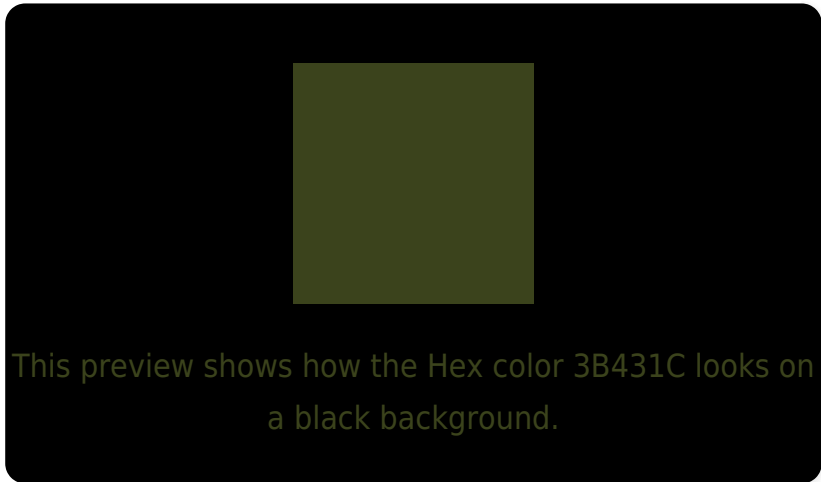
Large Text (above 18pt) WCAG AA ✓ Pass

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

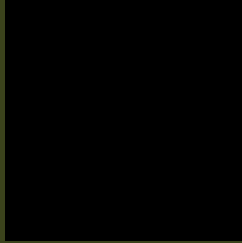
Any Text WCAG AA × Fail

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 3B431C Background



This preview shows how black text looks on a background with the Hex color 3B431C.



This preview shows how white text looks on a background with the Hex color 3B431C.

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
3B431C

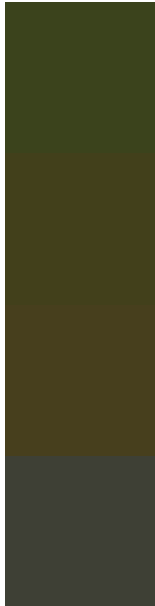
Protanopia
463F1B

Deuteranopia
4E3C1E



Tritanopia
3F3F44

Trichromacy



Original Color
3B431C

Protanomaly
42401B

Deuteranomaly
473F1D

Tritanomaly
3E4035

Monochromacy



Original Color
3B431C

Achromatopsia
3C3C3C

Achromatomaly
3C3F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B431C 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 #3B431C looks like.

```
.text, #text, p{  
    color:#3B431C  
}
```

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 #3B431C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B431C
}
```

Border

The CSS property to change the border of an element to Hex 3B431C 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
#3B431C }
```

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

```
.border{ border-color:#3B431C }
```

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

Here you see how a box with a 4 pixel #3B431C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B431C; -webkit-box-shadow:4px 4px  
4px 4px #3B431C; box-shadow:4px 4px 4px  
4px #3B431C }
```

Background

The CSS property to change the background color of an element to Hex 3B431C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B431C }
```

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

```
.background{ background-color:#3B431C }
```

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](#).

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