

Converting Colors

Hex(31331C)

Have a look what the booklet for
Hex(31331C) contains.

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Color

Hex(31331C)

Conversions

Conversions Part 1

Format	Color
Hex	31331C
RGB	49, 51, 28
RGB Percent	19%, 20%, 11%
CMY	0.8078, 0.8000, 0.8902
CMYK	0.04, 0.00, 0.45, 0.80
HSL	65°, 29%, 15%
HSV	65°, 45%, 20%
XYZ	2.6600, 3.1045, 1.5576
YIQ	47.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

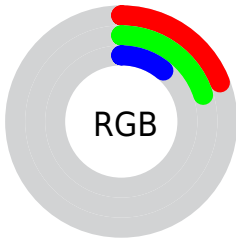
Format	Color
RYB	28, 51, 30
Decimal	3224348
CIELab	20.46, -5.34, 14.31
CIELCh	20, 15.270, 110.464
Yxy	3.1045, 0.3633, 0.4240
Android (android.graphics.Color)	4281414428 (0xFF31331C)
YUV	47.7800, -9.7515, 1.0699
Hunter-Lab	17.6195, -3.8856, 7.0922

Details

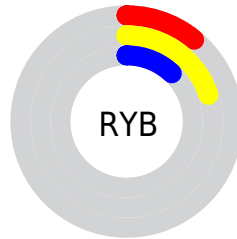
The Hex color **31331C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1E1C33**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **606148**, and **000300** is the 20% darker color. If you saturate the color by 10%, you get **313317**, and if you desaturate by 10%, it is **313321**.

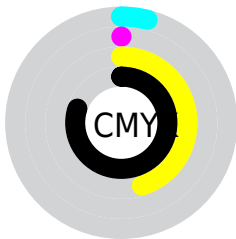
Distribution



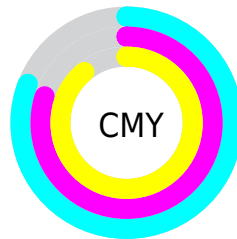
- Red (19%)
- Green (20%)
- Blue (11%)



- Red (11%)
- Yellow (20%)
- Blue (12%)



- Cyan (4%)
- Magenta (0%)
- Yellow (45%)
- Black (80%)



- Cyan (81%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31331C 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 31331C by changing the saturation by 10% instead.

■ 31331C

■ 31331C

FFFFFF

■ 1D1E03

■ 606148

■ 000300

■ 797A60

■ 000000

■ 929478

■ ADAE92

■ C9CAAD

■ E5E6C8

■ FFFFE4

■ 31331C

■ 31331C

■ 313317

■ 313321

■ 303312

■ 323326

■ 30330D

■ 32332B

■ 2F3308

■ 333330

■ 2F3303

■ 333336

■ 2F3300

■ 34333B

■ 343340

■ 353345

■ 35334A

Harmonies

Analogous

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



3C2F1B



31331C



243623

Triad

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



31331C



0A3642



452935

Complementary

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



31331C



1E1C33

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.



3C2C40



31331C



1B3347

Square

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



31331C



083739



2E3046



47292A

Rectangle

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



31331C



1B3729



2E3046



432A39

Sweetspot

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



31331C



414239



331E1C



21211C



A1A1A1



212121

Same Dimension

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



31331C



3F421E



26331C



191A17



515900



C6D900

Inverse Universe

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



1E1C33



221E42



291C33



17171A



080059



1300D9

Previews

White Background



This preview shows how the Hex color 31331C looks on a white background.

Color Contrast Check

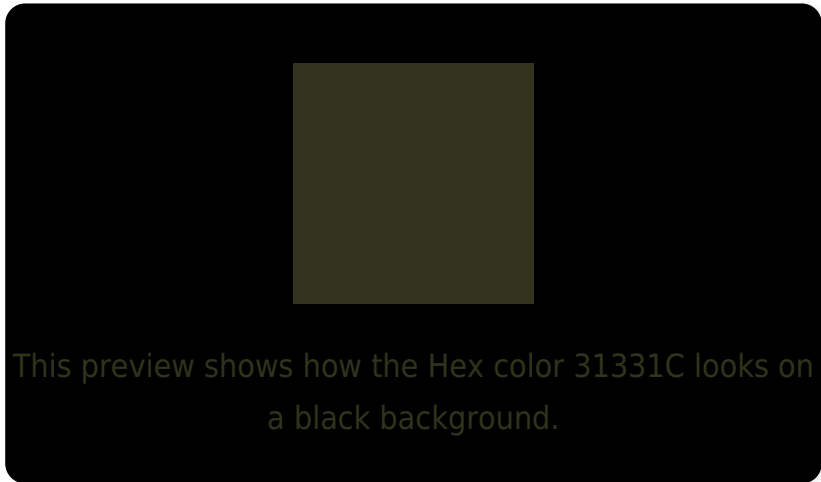
Large Text (above 18pt) WCAG AA ✓ Pass

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

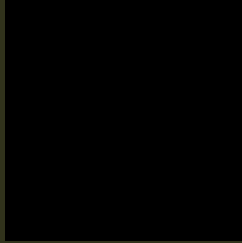
Any Text WCAG AA × Fail

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 31331C Background



This preview shows how black text looks on a background with the Hex color 31331C.

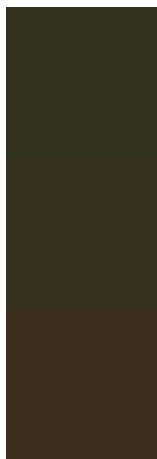


This preview shows how white text looks on a background with the Hex color 31331C.

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
31331C

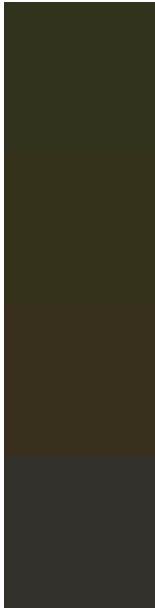
Protanopia
36311B

Deuteranopia
3C2F1D



Tritanopia
343034

Trichromacy



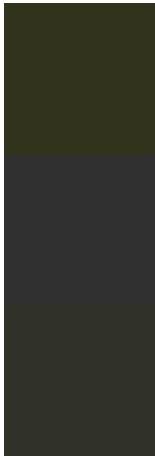
Original Color
31331C

Protanomaly
34321B

Deuteranomaly
38301D

Tritanomaly
33312B

Monochromacy



Original Color
31331C

Achromatopsia
303030

Achromatomaly
303129

CSS Examples

Text

The CSS property to change the color of the text to Hex 31331C 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 #31331C looks like.

```
.text, #text, p{  
    color:#31331C  
}
```

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 #31331C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31331C
}
```

Border

The CSS property to change the border of an element to Hex 31331C is called "border". The border property can be set on classes, ids or directly on the HTML element.

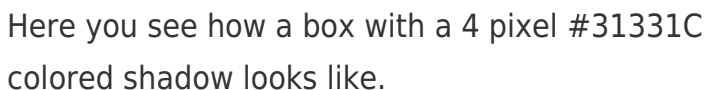
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31331C }
```

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

```
.border{ border-color:#31331C }
```

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



Here you see how a box with a 4 pixel #31331C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31331C; -webkit-box-shadow:4px 4px  
4px 4px #31331C; box-shadow:4px 4px 4px  
4px #31331C }
```

Background

The CSS property to change the background color of an element to Hex 31331C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31331C }
```

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

```
.background{ background-color:#31331C }
```

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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