

Converting Colors

Hex(27331C)

Have a look what the booklet for
Hex(27331C) contains.

Hex(27331C)	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(27331C)

Conversions

Conversions Part 1

Format	Color
Hex	27331C
RGB	39, 51, 28
RGB Percent	15%, 20%, 11%
CMY	0.8471, 0.8000, 0.8902
CMYK	0.24, 0.00, 0.45, 0.80
HSL	91°, 29%, 15%
HSV	91°, 45%, 20%
XYZ	2.2301, 2.8828, 1.5375
YIQ	44.7900, 0.2310, -9.6970

Conversions

Conversions Part 2

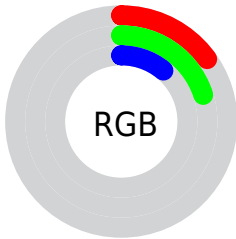
Format	Color
R_{YB}	28, 51, 40
Decimal	2568988
CIE _{Lab}	19.57, -10.17, 12.98
CIE _{LCh}	20, 16.493, 128.071
Yxy	2.8828, 0.3353, 0.4335
Android (android.graphics.Color)	4280759068 (0xFF27331C)
YUV	44.7900, -8.2775, -5.0778
Hunter-Lab	16.9789, -6.2676, 6.5163

Details

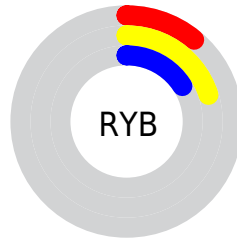
The Hex color **27331C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **281C33**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **546148**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **243317**, and if you desaturate by 10%, it is **2A3321**.

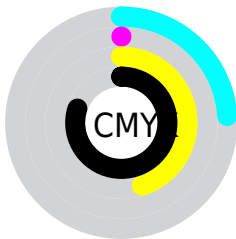
Distribution



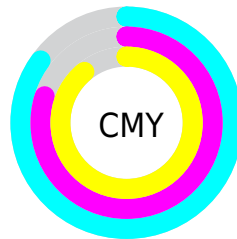
- Red (15%)
- Green (20%)
- Blue (11%)



- Red (11%)
- Yellow (20%)
- Blue (16%)



- Cyan (24%)
- Magenta (0%)
- Yellow (45%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27331C 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 27331C by changing the saturation by 10% instead.

■ 27331C

■ 27331C

FFFFFF

■ 141E03

■ 546148

■ 000000

■ 6D7A60

■ 869478

■ A1AF92

■ BCCAAD

■ D7E6C8

■ F4FFE4

■ 27331C

■ 27331C

■ 243317

■ 2A3321

■ 223312

■ 2C3326

■ 1F330D

■ 2F332B

■ 1C3308

■ 323330

■ 1A3303

■ 343336

■ 183300

■ 37333B

■ 3A3340

■ 3C3345

■ 3F334A

Harmonies

Analogous

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



343017



27331C



183526

Triad

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



27331C



0C3345



46262D

Complementary

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



27331C



281C33

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.



412739



27331C



232F47

Square

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



27331C



00353E



352B42



452821

Rectangle

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



27331C



0C362E



352B42



452631

Sweetspot

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



27331C



3D4239



33281C



1E211C



A1A1A1



212121

Same Dimension

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



27331C



30421E



1C331C



181A17



2B5900



68D900

Inverse Universe

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



281C33



311E42



331C33



18171A



2F0059



7100D9

Previews

White Background



This preview shows how the Hex color 27331C looks on a white background.

Color Contrast Check

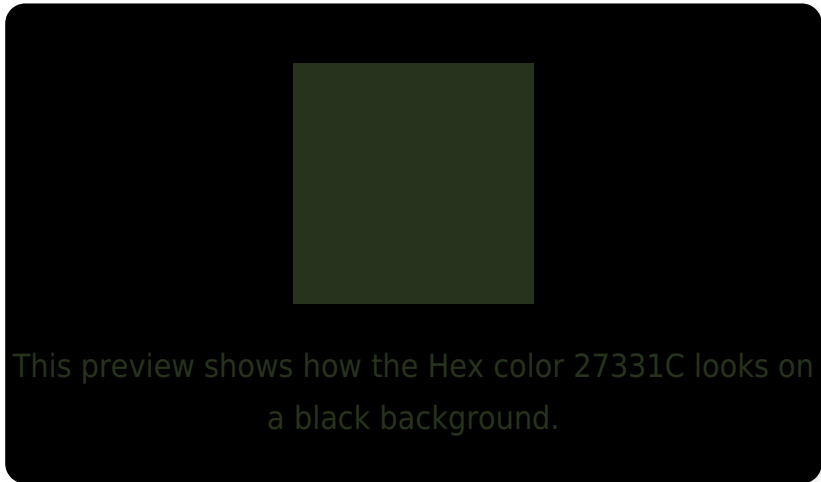
Large Text (above 18pt) WCAG AA ✓ Pass

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

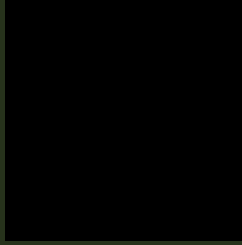
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

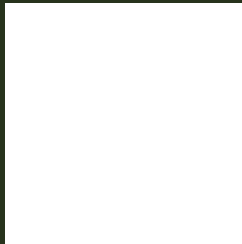
Any Text WCAG AAA × Fail

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

Hex 27331C Background



This preview shows how black text looks on a background with the Hex color 27331C.



This preview shows how white text looks on a background with the Hex color 27331C.

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
27331C

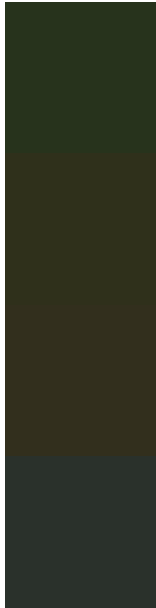
Protanopia
342F1B

Deuteranopia
392D1D



Tritanopia
2B3034

Trichromacy



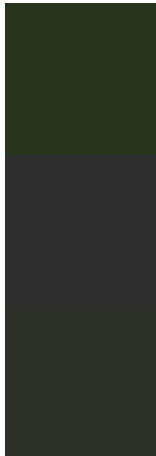
Original Color
27331C

Protanomaly
2F301B

Deuteranomaly
322F1D

Tritanomaly
2A312B

Monochromacy



Original Color
27331C

Achromatopsia
2D2D2D

Achromatomaly
2B2F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 27331C 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 #27331C looks like.

```
.text, #text, p{  
    color:#27331C  
}
```

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 #27331C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27331C
}
```

Border

The CSS property to change the border of an element to Hex 27331C is called "border". The border property can be set on classes, ids or directly on the HTML element.

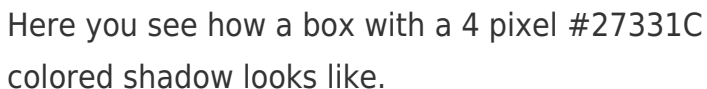
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27331C }
```

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

```
.border{ border-color:#27331C }
```

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



Here you see how a box with a 4 pixel #27331C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27331C; -webkit-box-shadow:4px 4px  
4px 4px #27331C; box-shadow:4px 4px 4px  
4px #27331C }
```

Background

The CSS property to change the background color of an element to Hex 27331C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27331C }
```

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

```
.background{ background-color:#27331C }
```

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