

Converting Colors

Hex(271A1D)

Have a look what the booklet for
Hex(271A1D) contains.

Hex(271A1D)	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(271A1D)

Conversions

Conversions Part 1

Format	Color
Hex	271A1D
RGB	39, 26, 29
RGB Percent	15%, 10%, 11%
CMY	0.8471, 0.8980, 0.8863
CMYK	0.00, 0.33, 0.26, 0.85
HSL	346°, 20%, 13%
HSV	346°, 33%, 15%
XYZ	1.4279, 1.2588, 1.3301
YIQ	30.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

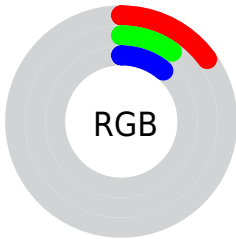
Format	Color
RYB	39, 26, 29
Decimal	2562589
CIELab	10.98, 7.06, 0.46
CIELCh	11, 7.076, 3.754
Yxy	1.2588, 0.3555, 0.3134
Android (android.graphics.Color)	4280752669 (0xFF271A1D)
YUV	30.2290, -0.6059, 7.6922
Hunter-Lab	11.2198, 3.0819, 0.8249

Details

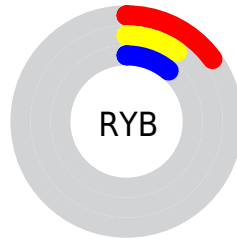
The Hex color **271A1D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A2724**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **544548**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **27161A**, and if you desaturate by 10%, it is **271E20**.

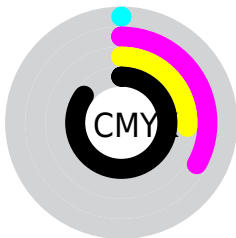
Distribution



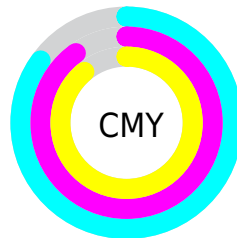
- Red (15%)
- Green (10%)
- Blue (11%)



- Red (15%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (85%)



- Cyan (85%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271A1D 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 271A1D by changing the saturation by 10% instead.

■ 271A1D

■ 271A1D

■ FFFDFD

■ 140003

■ 544548

■ 000000

■ 6D5D60

■ 867579

■ A08F93

■ BBA9AD

■ D7C5C8

■ F3E1E4

■ 271A1D

■ 271A1D

■ 27161A

■ 271E20

■ 271217

■ 272223

■ 270E14

■ 272626

■ 270A11

■ 272A29

■ 27060E

■ 272E2C

■ 27030B

■ 27312F

■ 270009

■ 273532

■ 273935

■ 273D38

Harmonies

Analogous

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



241B22



271A1D



271A18

Triad

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



271A1D



1B1F15



131F26

Complementary

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



271A1D



1A2724

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.



102023



271A1D



162019

Square

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



271A1D



201D14



11201E



191E27

Rectangle

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



271A1D



261B16



11201E



111F25

Sweetspot

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



271A1D



332E2F



241A27



1A1617



999999



1A1A1A

Same Dimension

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



271A1D



331F23



271D1A



141213



540013



D40031

Inverse Universe

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



271A1D



331F23



1A2427



141213



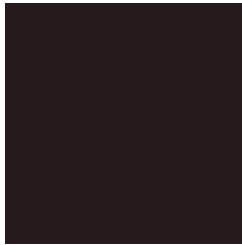
540013



D40031

Previews

White Background



This preview shows how the Hex color 271A1D looks on a white background.

Color Contrast Check

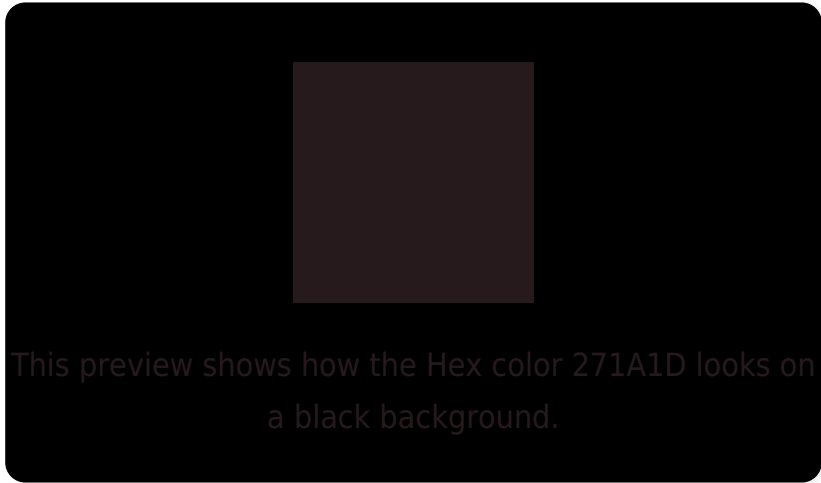
Large Text (above 18pt) WCAG AA ✓ Pass

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

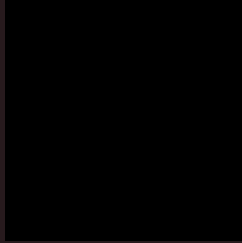
Any Text WCAG AA × Fail

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 271A1D Background



This preview shows how black text looks on a background with the Hex color 271A1D.

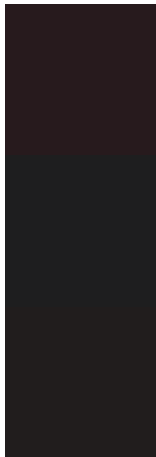


This preview shows how white text looks on a background with the Hex color 271A1D.

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
271A1D

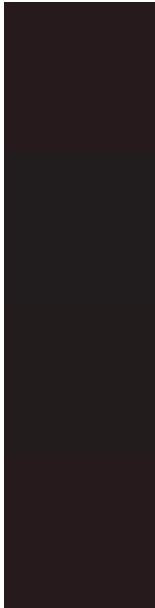
Protanopia
1E1E1F

Deuteranopia
211D1D



Tritanopia
271A1C

Trichromacy



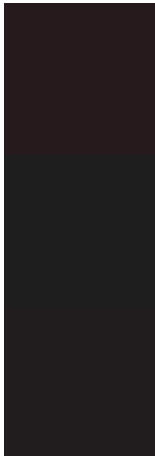
Original Color
271A1D

Protanomaly
211D1E

Deuteranomaly
231C1D

Tritanomaly
271A1C

Monochromacy



Original Color
271A1D

Achromatopsia
1E1E1E

Achromatomaly
211D1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 271A1D 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 #271A1D looks like.

```
.text, #text, p{  
    color:#271A1D  
}
```

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 #271A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271A1D
}
```

Border

The CSS property to change the border of an element to Hex 271A1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

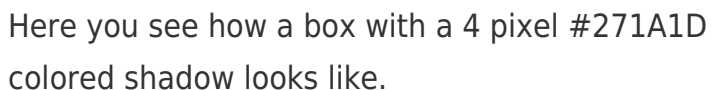
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271A1D }
```

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

```
.border{ border-color:#271A1D }
```

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



Here you see how a box with a 4 pixel #271A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271A1D; -webkit-box-shadow:4px 4px  
4px 4px #271A1D; box-shadow:4px 4px 4px  
4px #271A1D }
```

Background

The CSS property to change the background color of an element to Hex 271A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271A1D }
```

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

```
.background{ background-color:#271A1D }
```

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