

Converting Colors

Hex(271617)

Have a look what the booklet for
Hex(271617) contains.

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Color

Hex(271617)

Conversions

Conversions Part 1

Format	Color
Hex	271617
RGB	39, 22, 23
RGB Percent	15%, 9%, 9%
CMY	0.8471, 0.9137, 0.9098
CMYK	0.00, 0.44, 0.41, 0.85
HSL	356°, 28%, 12%
HSV	356°, 44%, 15%
XYZ	1.2783, 1.0670, 0.9492
YIQ	27.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

Format	Color
R_{YB}	39, 22, 23
Decimal	2561559
CIE Lab	9.54, 8.83, 2.87
CIE LCh	10, 9.282, 17.995
Yxy	1.0670, 0.3880, 0.3239
Android (android.graphics.Color)	4280751639 (0xFF271617)
YUV	27.1970, -2.0691, 10.3512
Hunter-Lab	10.3296, 4.0120, 1.7826

Details

The Hex color **271617** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162726**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **554141**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271213**, and if you desaturate by 10%, it is **271A1B**.

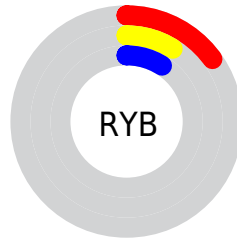
Distribution



Red (15%)

Green (9%)

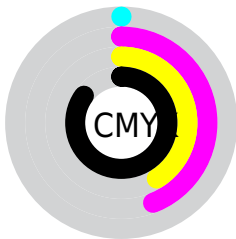
Blue (9%)



Red (15%)

Yellow (9%)

Blue (9%)

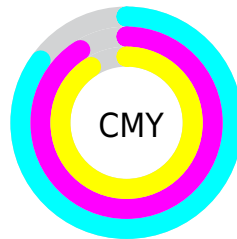


Cyan (0%)

Magenta (44%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271617 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 271617 by changing the saturation by 10% instead.

■ 271617

■ 271617

■ FFF8F8

■ 110000

■ 554141

■ 000000

■ 6D5859

■ 877171

■ A18A8B

■ BCA4A5

■ D8BFC0

■ F5DBDC

■ 271617

■ 271617

■ 271213

■ 271A1B

■ 270E10

■ 271E1E

■ 270A0C

■ 272222

■ 270608

■ 272626

■ 270305

■ 272A29

■ 270002

■ 272D2D

■ 273131

■ 273534

■ 273938

Harmonies

Analogous

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



25161D



271617



261711

Triad

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



271617



141D12



0F1C27

Complementary

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



271617



162726

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.



071D24



271617



0D1E18

Square

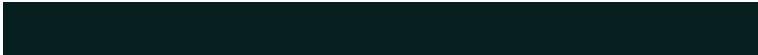
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



271617



1C1B0D



071E1E



181A26

Rectangle

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



271617



23190E



071E1E



0C1C26

Sweetspot

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



271617



332C2D



261627



1A1516



999999



1A1A1A

Same Dimension

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



271617



33181A



271D16



141212



540005



D4000C

Inverse Universe

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



271617



33181A



162027



141212



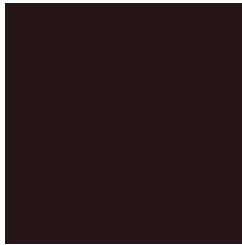
540005



D4000C

Previews

White Background



This preview shows how the Hex color 271617 looks on a white background.

Color Contrast Check

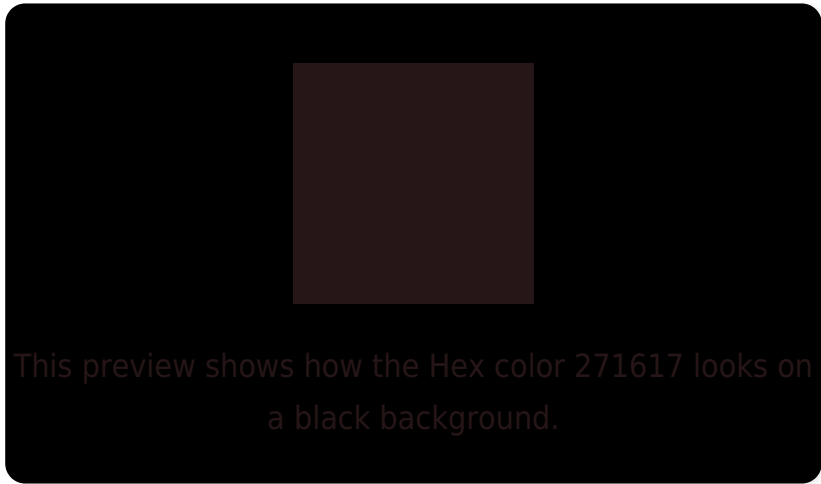
Large Text (above 18pt) WCAG AA ✓ Pass

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 271617 Background



This preview shows how black text looks on a background with the Hex color 271617.

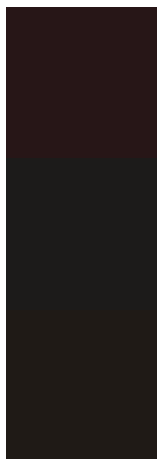


This preview shows how white text looks on a background with the Hex color 271617.

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
271617

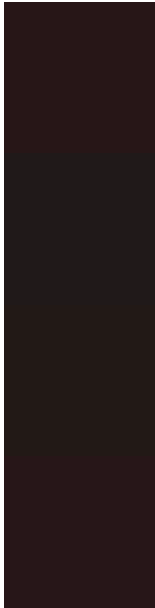
Protanopia
1C1B1A

Deuteranopia
1F1A16



Tritanopia
271618

Trichromacy



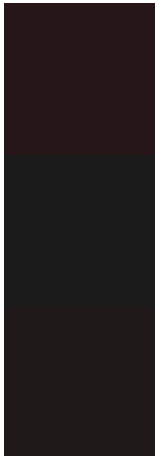
Original Color
271617

Protanomaly
201919

Deuteranomaly
221916

Tritanomaly
271618

Monochromacy



Original Color
271617

Achromatopsia
1B1B1B

Achromatomaly
1F191A

CSS Examples

Text

The CSS property to change the color of the text to Hex 271617 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 #271617 looks like.

```
.text, #text, p{  
    color:#271617  
}
```

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 #271617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271617
}
```

Border

The CSS property to change the border of an element to Hex 271617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

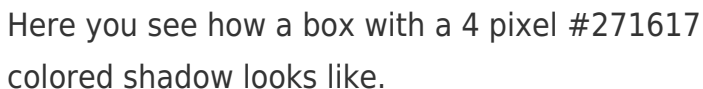
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271617 }
```

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

```
.border{ border-color:#271617 }
```

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



Here you see how a box with a 4 pixel #271617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271617; -webkit-box-shadow:4px 4px  
4px 4px #271617; box-shadow:4px 4px 4px  
4px #271617 }
```

Background

The CSS property to change the background color of an element to Hex 271617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271617 }
```

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

```
.background{ background-color:#271617 }
```

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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