

Converting Colors

Hex(271717)

Have a look what the booklet for
Hex(271717) contains.

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Color

Hex(271717)

Conversions

Conversions Part 1

Format	Color
Hex	271717
RGB	39, 23, 23
RGB Percent	15%, 9%, 9%
CMY	0.8471, 0.9098, 0.9098
CMYK	0.00, 0.41, 0.41, 0.85
HSL	0°, 26%, 12%
HSV	0°, 41%, 15%
XYZ	1.2978, 1.1060, 0.9557
YIQ	27.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

Format	Color
RYB	39, 23, 23
Decimal	2561815
CIELab	9.84, 8.10, 3.30
CIELCh	10, 8.753, 22.180
Yxy	1.1060, 0.3863, 0.3292
Android (android.graphics.Color)	4280751895 (0xFF271717)
YUV	27.7840, -2.3585, 9.8364
Hunter-Lab	10.5166, 3.6229, 1.9737

Details

The Hex color **271717** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **172727**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **554241**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271313**, and if you desaturate by 10%, it is **271B1B**.

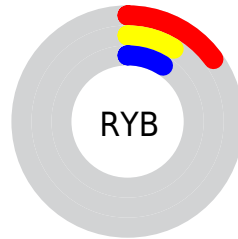
Distribution



Red (15%)

Green (9%)

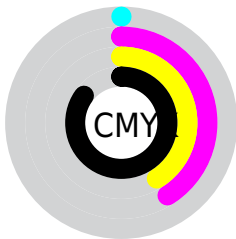
Blue (9%)



Red (15%)

Yellow (9%)

Blue (9%)

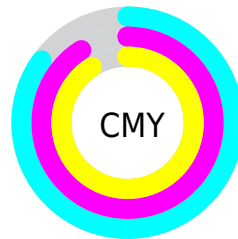


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (85%)



Cyan (85%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271717 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 271717 by changing the saturation by 10% instead.

■ 271717

■ 271717

■ FFF9F8

■ 120000

■ 554241

■ 000000

■ 6D5959

■ 877271

■ A18B8B

■ BCA6A5

■ D8C1C0

■ F4DDDC

■ 271717

■ 271717

■ 271313

■ 271B1B

■ 270F0F

■ 271F1F

■ 270B0B

■ 272323

■ 270707

■ 272727

■ 270404

■ 272B2B

■ 270000

■ 272E2E

■ 273232

■ 273636

■ 273A3A

Harmonies

Analogous

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



26171D



271717



251812

Triad

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



271717



141E14



111C27

Complementary

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



271717



172727

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.



0A1E24



271717



0D1E19

Square

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



271717



1B1C0F



091E1F



1A1A26

Rectangle

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



271717



231A0F



091E1F



0F1D26

Sweetspot

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



271717



332D2D



271727



1A1616



999999



1A1A1A

Same Dimension

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



271717



331A1A



271F17



141212



540000



D40000

Inverse Universe

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



172727



1A3333



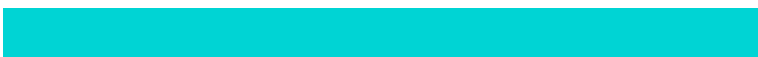
171F27



121414



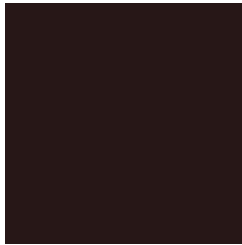
005454



00D4D4

Previews

White Background



This preview shows how the Hex color 271717 looks on a white background.

Color Contrast Check

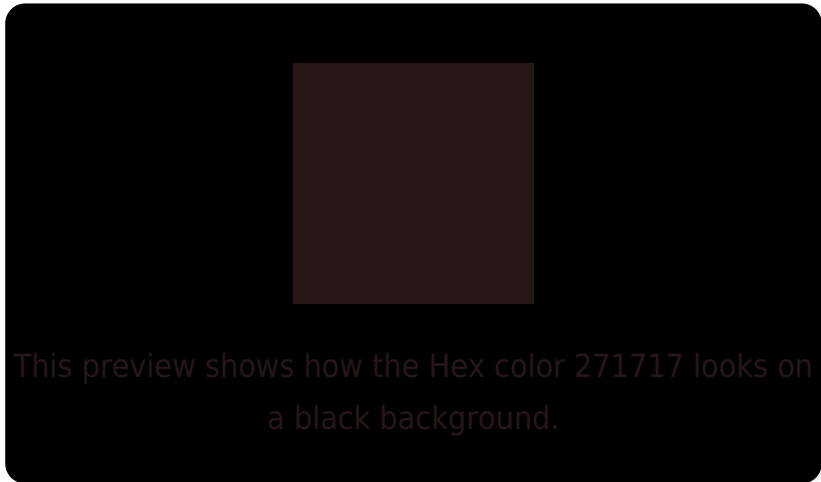
Large Text (above 18pt) WCAG AA ✓ Pass

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 271717 Background



This preview shows how black text looks on a background with the Hex color 271717.

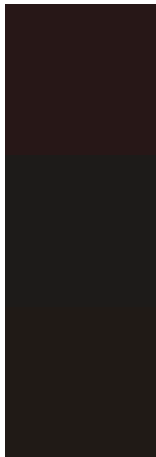


This preview shows how white text looks on a background with the Hex color 271717.

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
271717

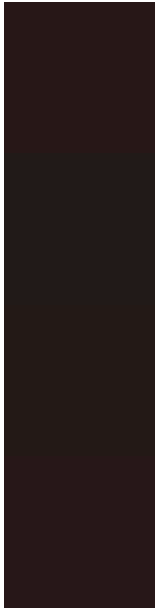
Protanopia
1D1B19

Deuteranopia
201A16



Tritanopia
271718

Trichromacy



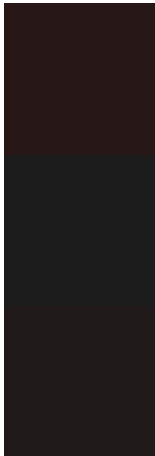
Original Color
271717

Protanomaly
211A18

Deuteranomaly
231916

Tritanomaly
271718

Monochromacy



Original Color
271717

Achromatopsia
1C1C1C

Achromatomaly
201A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 271717 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 #271717 looks like.

```
.text, #text, p{  
  color:#271717  
}
```

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 #271717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271717
}
```

Border

The CSS property to change the border of an element to Hex 271717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

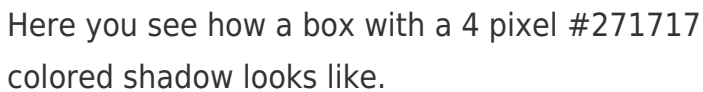
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271717 }
```

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

```
.border{ border-color:#271717 }
```

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



Here you see how a box with a 4 pixel #271717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271717; -webkit-box-shadow:4px 4px  
4px 4px #271717; box-shadow:4px 4px 4px  
4px #271717 }
```

Background

The CSS property to change the background color of an element to Hex 271717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271717 }
```

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

```
.background{ background-color:#271717 }
```

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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