

Converting Colors

Hex(271900)

Have a look what the booklet for
Hex(271900) contains.

Hex(271900)	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(271900)

Conversions

Conversions Part 1

Format	Color
Hex	271900
RGB	39, 25, 0
RGB Percent	15%, 10%, 0%
CMY	0.8471, 0.9020, 1.0000
CMYK	0.00, 0.36, 1.00, 0.85
HSL	38°, 100%, 8%
HSV	38°, 100%, 15%
XYZ	1.1843, 1.1266, 0.1550
YIQ	26.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

Format	Color
R_YB	22, 39, 0
Decimal	2562304
CIE Lab	10.00, 3.83, 15.03
CIE LCh	10, 15.512, 75.708
Yxy	1.1266, 0.4803, 0.4569
Android (android.graphics.Color)	4280752384 (0xFF271900)
YUV	26.3360, -12.9836, 11.1063
Hunter-Lab	10.6141, 1.3424, 6.5639

Details

The Hex color **271900** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000E27**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **544430**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271900**, and if you desaturate by 10%, it is **271A04**.

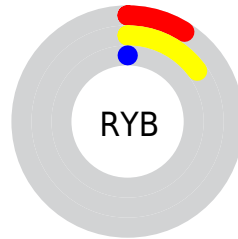
Distribution



Red (15%)

Green (10%)

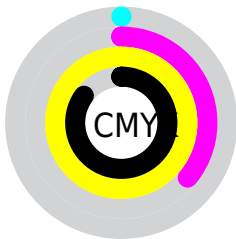
Blue (0%)



Red (9%)

Yellow (15%)

Blue (0%)

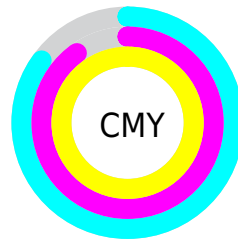


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271900 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 271900 by changing the saturation by 10% instead.

 271900

 271900

 FFFCE2

 0A0000

 544430

 000000

 6D5B46

 87745E

 A18D76

 BDA890

 D9C3AB

 F5DFC6

 271900

■ 271A04

■ 271C08

■ 271D0C

■ 271F10

■ 272014

■ 272117

■ 27231B

■ 27241F

■ 272623

Harmonies

Analogous

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



2D150A



271900



1E1D00

Triad

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



271900



002121



23172A

Complementary

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



271900



000E27

Split Complementary

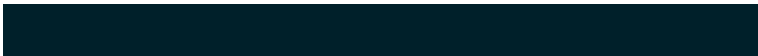
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



141B30



271900



00202A

Square

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



271900



012116



001E30



2C1321

Rectangle

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



271900



161E05



001E30



1F182C

Sweetspot

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



271900



332E24



27000E



1A1610



999999



1A1A1A

Same Dimension

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



271900



332100



222700



141412



543600



D48800

Inverse Universe

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



000E27



001233



050027



121314



001E54



004CD4

Previews

White Background



This preview shows how the Hex color 271900 looks on a white background.

Color Contrast Check

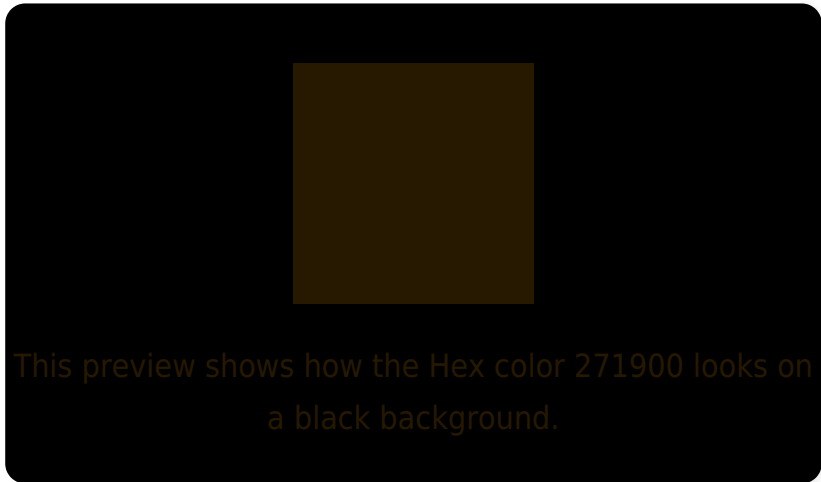
Large Text (above 18pt) WCAG AA ✓ Pass

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

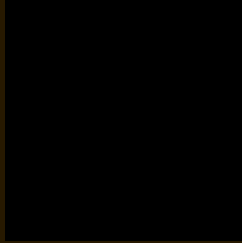
Any Text WCAG AA × Fail

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 271900 Background



This preview shows how black text looks on a background with the Hex color 271900.

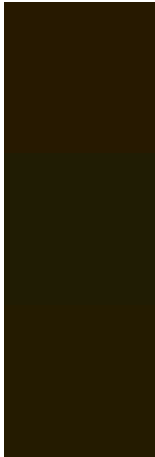


This preview shows how white text looks on a background with the Hex color 271900.

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
271900

Protanopia
201C03

Deuteranopia
241B00



Tritanopia
281719

Trichromacy



Original Color
271900

Protanomaly
231B02

Deuteranomaly
251A00

Tritanomaly
281810

Monochromacy



Original Color
271900

Achromatopsia
1A1A1A

Achromatomaly
1F1A11

CSS Examples

Text

The CSS property to change the color of the text to Hex 271900 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 #271900 looks like.

```
.text, #text, p{  
    color:#271900  
}
```

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 #271900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271900  
}
```

Border

The CSS property to change the border of an element to Hex 271900 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".

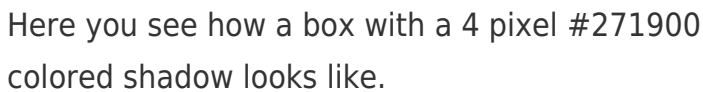
```
.border, #border, table{ border:4px solid  
#271900 }
```

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

```
.border{ border-color:#271900 }
```

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

Here you see how a box with a 4 pixel #271900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271900; -webkit-box-shadow:4px 4px  
4px 4px #271900; box-shadow:4px 4px 4px  
4px #271900 }
```

Background

The CSS property to change the background color of an element to Hex 271900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271900 }
```

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

```
.background{ background-color:#271900 }
```

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