

Converting Colors

Hex(271A06)

Have a look what the booklet for
Hex(271A06) contains.

Hex(271A06)	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(271A06)

Conversions

Conversions Part 1

Format	Color
Hex	271A06
RGB	39, 26, 6
RGB Percent	15%, 10%, 2%
CMY	0.8471, 0.8980, 0.9765
CMYK	0.00, 0.33, 0.85, 0.85
HSL	36°, 73%, 9%
HSV	36°, 85%, 15%
XYZ	1.2390, 1.1833, 0.3354
YIQ	27.6070, 14.1680, -3.4640

Conversions

Conversions Part 2

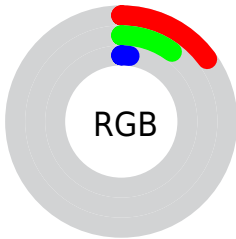
Format	Color
RYB	27, 39, 6
Decimal	2562566
CIELab	10.43, 3.74, 13.19
CIElCh	10, 13.710, 74.187
Yxy	1.1833, 0.4493, 0.4291
Android (android.graphics.Color)	4280752646 (0xFF271A06)
YUV	27.6070, -10.6523, 9.9917
Hunter-Lab	10.8778, 1.2946, 5.7864

Details

The Hex color **271A06** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **061327**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **554533**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271802**, and if you desaturate by 10%, it is **271C0A**.

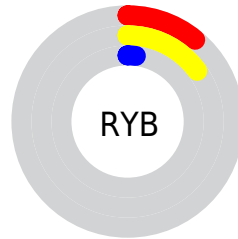
Distribution



Red (15%)

Green (10%)

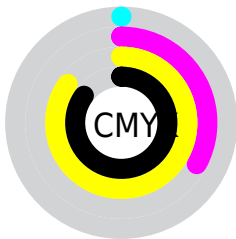
Blue (2%)



Red (11%)

Yellow (15%)

Blue (2%)

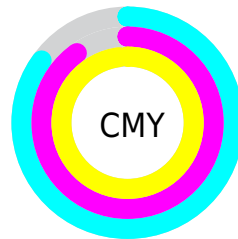


Cyan (0%)

Magenta (33%)

Yellow (85%)

Black (85%)



Cyan (85%)

Magenta (90%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271A06 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 271A06 by changing the saturation by 10% instead.

■ 271A06

■ 271A06

■ FFFDE7

■ 0C0000

■ 554533

■ 000000

■ 6D5D4A

■ 877562

■ A18F7B

■ BDA995

■ D9C4AF

■ F5E0CB

■ 271A06

■ 271A06

■ 271802

■ 271C0A

■ 271800

■ 271D0E

■ 271F12

■ 272016

■ 27221A

■ 27231D

■ 272521

■ 272625

■ 272829

Harmonies

Analogous

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



2C170F



271A06



1F1D05

Triad

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



271A06



002121



23182A

Complementary

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



271A06



061327

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.



151C2E



271A06



002129

Square

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



271A06



072117



031F2E



2B1522

Rectangle

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



271A06



181F0A



031F2E



1F192C

Sweetspot

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



271A06



332E26



270613



1A1612



999999



1A1A1A

Same Dimension

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



271A06



331F00



242706



141412



543300



D48000

Inverse Universe

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



061327



001433



090627



121314



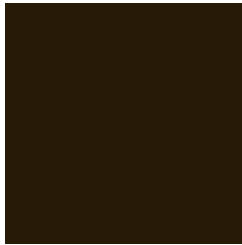
002154



0053D4

Previews

White Background



This preview shows how the Hex color 271A06 looks on a white background.

Color Contrast Check

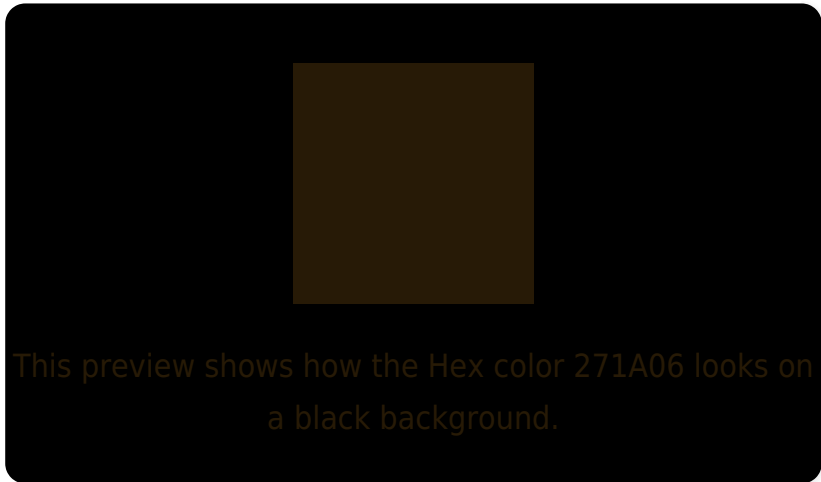
Large Text (above 18pt) WCAG AA ✓ Pass

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

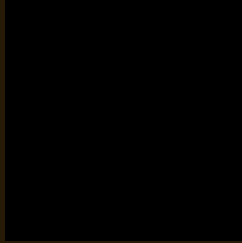
Any Text WCAG AA × Fail

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 271A06 Background



This preview shows how black text looks on a background with the Hex color 271A06.

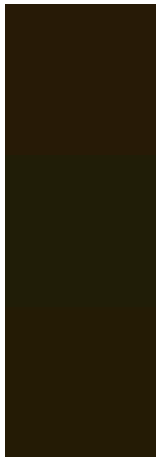


This preview shows how white text looks on a background with the Hex color 271A06.

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
271A06

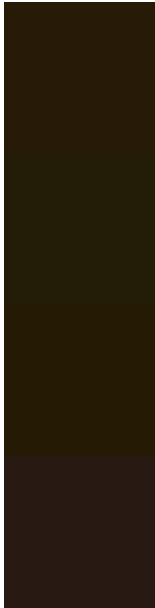
Protanopia
201D07

Deuteranopia
241B05



Tritanopia
28181A

Trichromacy



Original Color
271A06

Protanomaly
231C07

Deuteranomaly
251B05

Tritanomaly
281913

Monochromacy



Original Color
271A06

Achromatopsia
1C1C1C

Achromatomaly
201B14

CSS Examples

Text

The CSS property to change the color of the text to Hex 271A06 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 #271A06 looks like.

```
.text, #text, p{  
    color:#271A06  
}
```

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 #271A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271A06
}
```

Border

The CSS property to change the border of an element to Hex 271A06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

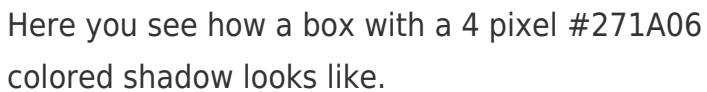
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271A06 }
```

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

```
.border{ border-color:#271A06 }
```

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



Here you see how a box with a 4 pixel #271A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271A06; -webkit-box-shadow:4px 4px  
4px 4px #271A06; box-shadow:4px 4px 4px  
4px #271A06 }
```

Background

The CSS property to change the background color of an element to Hex 271A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271A06 }
```

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

```
.background{ background-color:#271A06 }
```

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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