

Converting Colors

Hex(271C04)

Have a look what the booklet for
Hex(271C04) contains.

Hex(271C04)	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(271C04)

Conversions

Conversions Part 1

Format	Color
Hex	271C04
RGB	39, 28, 4
RGB Percent	15%, 11%, 2%
CMY	0.8471, 0.8902, 0.9843
CMYK	0.00, 0.28, 0.90, 0.85
HSL	41°, 81%, 8%
HSV	41°, 90%, 15%
XYZ	1.2739, 1.2706, 0.2930
YIQ	28.5530, 14.2600, -5.1320

Conversions

Conversions Part 2

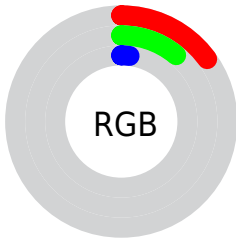
Format	Color
RYB	20, 39, 4
Decimal	2563076
CIELab	11.07, 2.09, 14.89
CIELCh	11, 15.039, 81.997
Yxy	1.2706, 0.4489, 0.4478
Android (android.graphics.Color)	4280753156 (0xFF271C04)
YUV	28.5530, -12.1046, 9.1620
Hunter-Lab	11.2721, 0.4462, 6.3495

Details

The Hex color **271C04** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **040F27**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **554732**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271B00**, and if you desaturate by 10%, it is **271D08**.

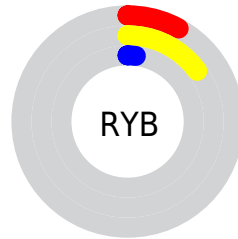
Distribution



Red (15%)

Green (11%)

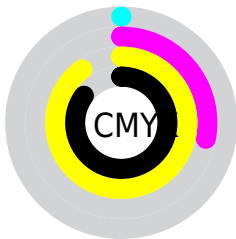
Blue (2%)



Red (8%)

Yellow (15%)

Blue (2%)

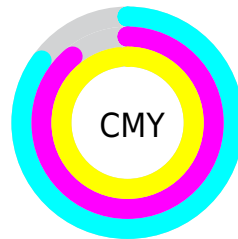


Cyan (0%)

Magenta (28%)

Yellow (90%)

Black (85%)



Cyan (85%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271C04 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 271C04 by changing the saturation by 10% instead.

 271C04

 271C04

 FFFFE5

 0B0200

 554732

 000000

 6D5F49

 877860

 A19179

 BDAC93

 D9C7AE

 F5E3C9

 271C04

 271C04

■ 271B00

■ 271D08

■ 271E0C

■ 272010

■ 272114

■ 272217

■ 27231B

■ 27251F

■ 272623

■ 272727

Harmonies

Analogous

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



2E180C



271C04



1D1F06

Triad

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



271C04



002325



28182A

Complementary

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



271C04



040F27

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.



1A1C31



271C04



00222D

Square

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



271C04



01231A



061F32



2F1521

Rectangle

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



271C04



15210C



061F32



24192D

Sweetspot

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



271C04



332F25



27040F



1A1711



999999



1A1A1A

Same Dimension

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



271C04



332300



212704



141412



543A00



D49100

Inverse Universe

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



040F27



001033



0A0427



121314



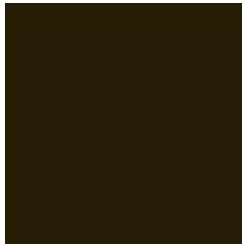
001A54



0043D4

Previews

White Background



This preview shows how the Hex color 271C04 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

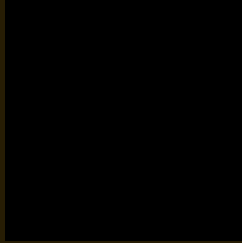
Any Text WCAG AA × Fail

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 271C04 Background



This preview shows how black text looks on a background with the Hex color 271C04.

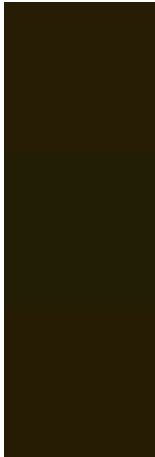


This preview shows how white text looks on a background with the Hex color 271C04.

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
271C04

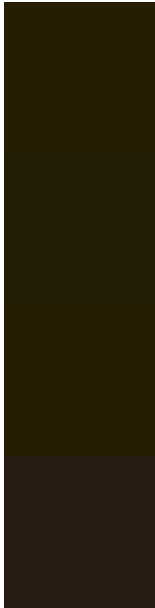
Protanopia
221E05

Deuteranopia
261C04



Tritanopia
281A1C

Trichromacy



Original Color
271C04

Protanomaly
241D05

Deuteranomaly
261C04

Tritanomaly
281B13

Monochromacy



Original Color
271C04

Achromatopsia
1D1D1D

Achromatomaly
211D14

CSS Examples

Text

The CSS property to change the color of the text to Hex 271C04 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 #271C04 looks like.

```
.text, #text, p{  
    color:#271C04  
}
```

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 #271C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271C04
}
```

Border

The CSS property to change the border of an element to Hex 271C04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

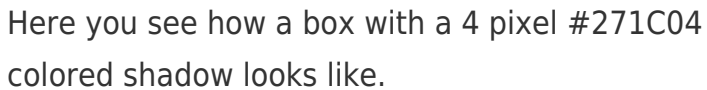
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271C04 }
```

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

```
.border{ border-color:#271C04 }
```

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



Here you see how a box with a 4 pixel #271C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271C04; -webkit-box-shadow:4px 4px  
4px 4px #271C04; box-shadow:4px 4px 4px  
4px #271C04 }
```

Background

The CSS property to change the background color of an element to Hex 271C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271C04 }
```

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

```
.background{ background-color:#271C04 }
```

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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