

Converting Colors

Hex(271004)

Have a look what the booklet for
Hex(271004) contains.

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Color

Hex(271004)

Conversions

Conversions Part 1

Format	Color
Hex	271004
RGB	39, 16, 4
RGB Percent	15%, 6%, 2%
CMY	0.8471, 0.9373, 0.9843
CMYK	0.00, 0.59, 0.90, 0.85
HSL	21°, 81%, 8%
HSV	21°, 90%, 15%
XYZ	1.0439, 0.8107, 0.2163
YIQ	21.5090, 17.5600, 1.1440

Conversions

Conversions Part 2

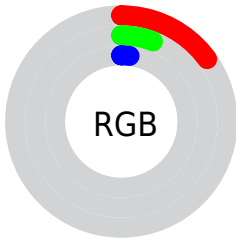
Format	Color
R_{YB}	39, 22, 4
Decimal	2560004
CIE Lab	7.32, 10.61, 9.53
CIE LCh	7, 14.264, 41.928
Yxy	0.8107, 0.5041, 0.3915
Android (android.graphics.Color)	4280750084 (0xFF271004)
YUV	21.5090, -8.6319, 15.3396
Hunter-Lab	9.0038, 4.9388, 4.8782

Details

The Hex color **271004** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **041B27**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **553A32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **270D00**, and if you desaturate by 10%, it is **271308**.

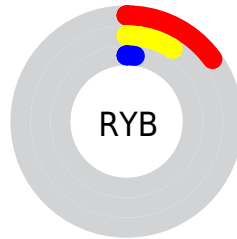
Distribution



Red (15%)

Green (6%)

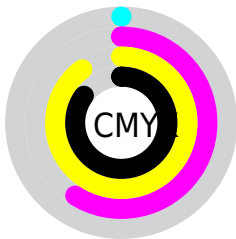
Blue (2%)



Red (15%)

Yellow (9%)

Blue (2%)

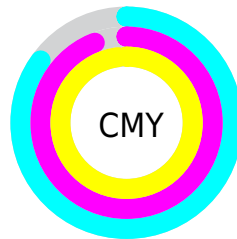


Cyan (0%)

Magenta (59%)

Yellow (90%)

Black (85%)



Cyan (85%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271004 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 271004 by changing the saturation by 10% instead.

 271004

 271004

 FFF0E5

 000000

 553A32

 6E5149

 886A61

 A2837A

 BE9D93

 DAB8AE

 F6D3C9

 271004

 271004

■ 270D00

■ 271308

■ 27150C

■ 271810

■ 271A14

■ 271D17

■ 271F1B

■ 27221F

■ 272523

■ 272727

Harmonies

Analogous

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



280E12



271004



221300

Triad

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



271004



001B0F



0D1628

Complementary

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



271004



041B27

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.



001928



271004



001C1A

Square

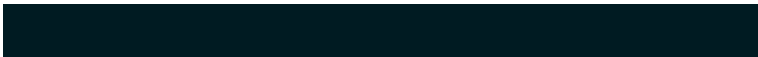
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



271004



0E1A00



001B22



1C1224

Rectangle

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



271004



1D1600



001B22



061729

Sweetspot

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



271004



332A25



27041B



1A1411



999999



1A1A1A

Same Dimension

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



271004



331100



272104



141312



541D00



D44900

Inverse Universe

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



041B27



002233



040A27



121414



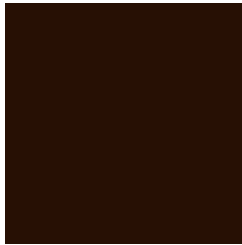
003754



008BD4

Previews

White Background



This preview shows how the Hex color 271004 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

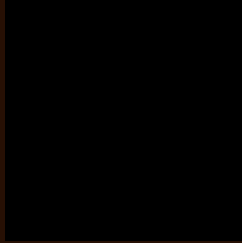
Any Text WCAG AA × Fail

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 271004 Background



This preview shows how black text looks on a background with the Hex color 271004.

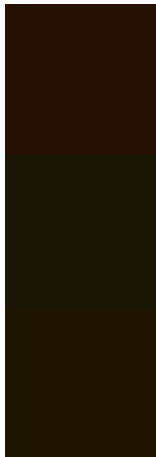


This preview shows how white text looks on a background with the Hex color 271004.

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](#).

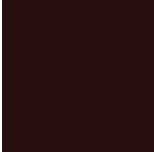
Dichromacy



Original Color
271004

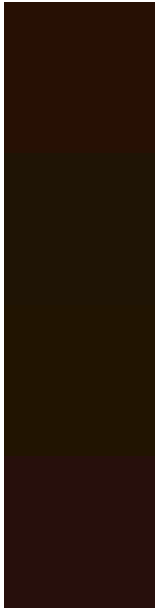
Protanopia
1A1706

Deuteranopia
1D1600



Tritanopia
270F10

Trichromacy



Original Color
271004

Protanomaly
1F1405

Deuteranomaly
211401

Tritanomaly
270F0C

Monochromacy



Original Color
271004

Achromatopsia
161616

Achromatomaly
1C140F

CSS Examples

Text

The CSS property to change the color of the text to Hex 271004 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 #271004 looks like.

```
.text, #text, p{  
    color:#271004  
}
```

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 #271004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271004
}
```

Border

The CSS property to change the border of an element to Hex 271004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

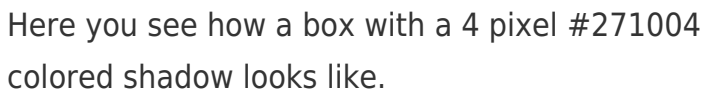
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271004 }
```

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

```
.border{ border-color:#271004 }
```

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



Here you see how a box with a 4 pixel #271004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271004; -webkit-box-shadow:4px 4px  
4px 4px #271004; box-shadow:4px 4px 4px  
4px #271004 }
```

Background

The CSS property to change the background color of an element to Hex 271004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271004 }
```

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

```
.background{ background-color:#271004 }
```

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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