

Converting Colors

Hex(272003)

Have a look what the booklet for
Hex(272003) contains.

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Color

Hex(272003)

Conversions

Conversions Part 1

Format	Color
Hex	272003
RGB	39, 32, 3
RGB Percent	15%, 13%, 1%
CMY	0.8471, 0.8745, 0.9882
CMYK	0.00, 0.18, 0.92, 0.85
HSL	48°, 86%, 8%
HSV	48°, 92%, 15%
XYZ	1.3696, 1.4709, 0.2979
YIQ	30.7870, 13.4810, -7.5350

Conversions

Conversions Part 2

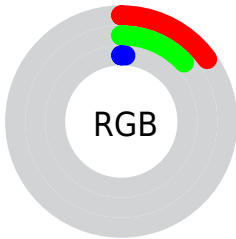
Format	Color
R_{YB}	12, 39, 3
Decimal	2564099
CIE Lab	12.42, -0.84, 17.16
CIE LCh	12, 17.177, 92.790
Yxy	1.4709, 0.4364, 0.4687
Android (android.graphics.Color)	4280754179 (0xFF272003)
YUV	30.7870, -13.6990, 7.2028
Hunter-Lab	12.1282, -1.0662, 7.0335

Details

The Hex color **272003** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030A27**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **544C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **271F00**, and if you desaturate by 10%, it is **272107**.

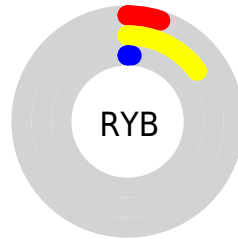
Distribution



Red (15%)

Green (13%)

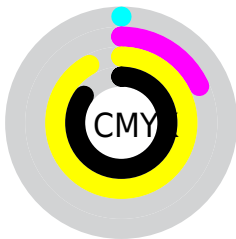
Blue (1%)



Red (5%)

Yellow (15%)

Blue (1%)

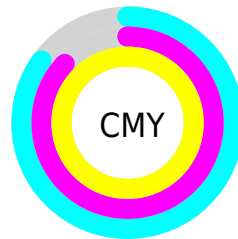


Cyan (0%)

Magenta (18%)

Yellow (92%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272003 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 272003 by changing the saturation by 10% instead.

■ 272003

■ 272003

■ FFFFE5

■ 0B0900

■ 544C31

■ 000000

■ 6D6448

■ 877D60

■ A19679

■ BDB192

■ D9CCAD

■ F5E9C8

■ 272003

■ 272003

■ 271F00

■ 272107

■ 27220B

■ 27220F

■ 272313

■ 272417

■ 27251A

■ 27251E

■ 272622

■ 272726

Harmonies

Analogous

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



301C08



272003



1B2309

Triad

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



272003



00262D



30182B

Complementary

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



272003



030A27

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.



231D34



272003



002435

Square

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



272003



002621



0D2138



361620

Rectangle

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



272003



102511



0D2138



2C1A2F

Sweetspot

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



272003



333025



27030A



1A1811



999999



1A1A1A

Same Dimension

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



272003



332900



1C2703



141412



544400



D4AA00

Inverse Universe

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



030A27



000A33



0E0327



121314



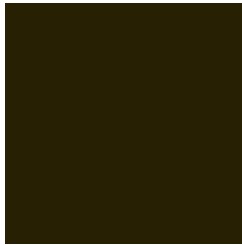
001054



0029D4

Previews

White Background



This preview shows how the Hex color 272003 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

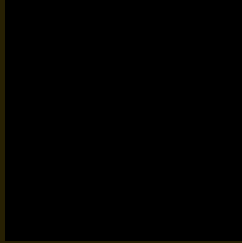
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

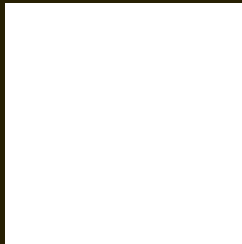
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 272003 Background



This preview shows how black text looks on a background with the Hex color 272003.

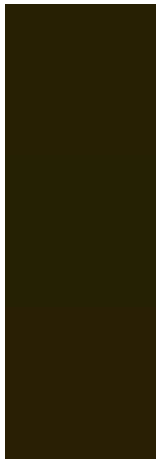


This preview shows how white text looks on a background with the Hex color 272003.

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
272003

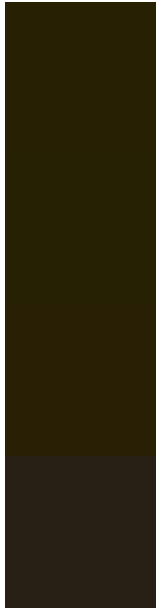
Protanopia
252103

Deuteranopia
291F04



Tritanopia
291E20

Trichromacy



Original Color
272003

Protanomaly
262103

Deuteranomaly
281F04

Tritanomaly
281F15

Monochromacy



Original Color
272003

Achromatopsia
1F1F1F

Achromatomaly
221F15

CSS Examples

Text

The CSS property to change the color of the text to Hex 272003 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 #272003 looks like.

```
.text, #text, p{  
    color:#272003  
}
```

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 #272003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272003
}
```

Border

The CSS property to change the border of an element to Hex 272003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

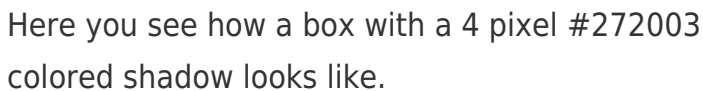
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272003 }
```

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

```
.border{ border-color:#272003 }
```

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



Here you see how a box with a 4 pixel #272003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272003; -webkit-box-shadow:4px 4px  
4px 4px #272003; box-shadow:4px 4px 4px  
4px #272003 }
```

Background

The CSS property to change the background color of an element to Hex 272003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272003 }
```

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

```
.background{ background-color:#272003 }
```

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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