

Converting Colors

Hex(273900)

Have a look what the booklet for
Hex(273900) contains.

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Color

Hex(273900)

Conversions

Conversions Part 1

Format	Color
Hex	273900
RGB	39, 57, 0
RGB Percent	15%, 22%, 0%
CMY	0.8471, 0.7765, 1.0000
CMYK	0.32, 0.00, 1.00, 0.78
HSL	79°, 100%, 11%
HSV	79°, 100%, 22%
XYZ	2.2998, 3.3576, 0.5269
YIQ	45.1200, 7.5690, -21.5430

Conversions

Conversions Part 2

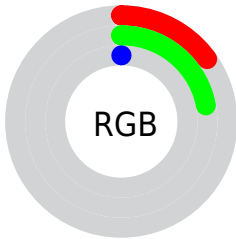
Format	Color
RYB	0, 57, 18
Decimal	2570496
CIELab	21.42, -16.69, 29.40
CIELCh	21, 33.805, 119.578
Yxy	3.3576, 0.3719, 0.5429
Android (android.graphics.Color)	4280760576 (0xFF273900)
YUV	45.1200, -22.2442, -5.3672
Hunter-Lab	18.3237, -9.6628, 11.1218

Details

The Hex color **273900** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **120039**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **56682F**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **273900**, and if you desaturate by 10%, it is **293906**.

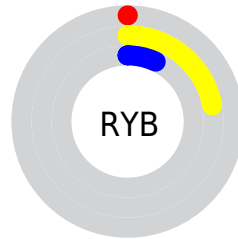
Distribution



Red (15%)

Green (22%)

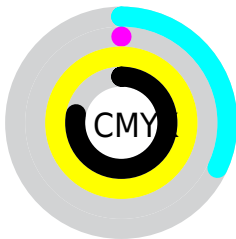
Blue (0%)



Red (0%)

Yellow (22%)

Blue (7%)

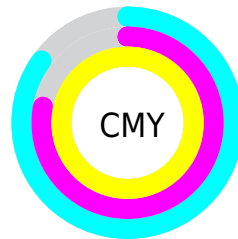


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (85%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 273900 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 273900 by changing the saturation by 10% instead.

 273900

 273900

 FFFFE5

 112300

 56682F

 000A00

 6F8147

 000000

 899B5F

 A4B678

 C0D293

 DCEEAD

 F8FFC9

 273900

■ 293906

■ 2B390B

■ 2C3911

■ 2E3917

■ 30391D

■ 323922

■ 343928

■ 35392E

■ 373933

Harmonies

Analogous

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



403200



273900



003D19

Triad

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



273900



003C5E



5E1935

Complementary

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



273900



120039

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.



51214D



273900



003766

Square

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



273900



003F4B



312D5F



5E1D1C

Rectangle

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



273900



003E2A



312D5F



5C1B3D

Sweetspot

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



273900



434A34



391100



222618



A6A6A6



262626

Same Dimension

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



273900



334A00



0B3900



1B1C19



3F5C00



96DB00

Inverse Universe

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



120039



17004A



2E0039



1A191C



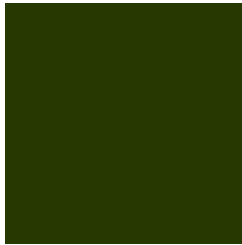
1D005C



4500DB

Previews

White Background



This preview shows how the Hex color 273900 looks on a white background.

Color Contrast Check

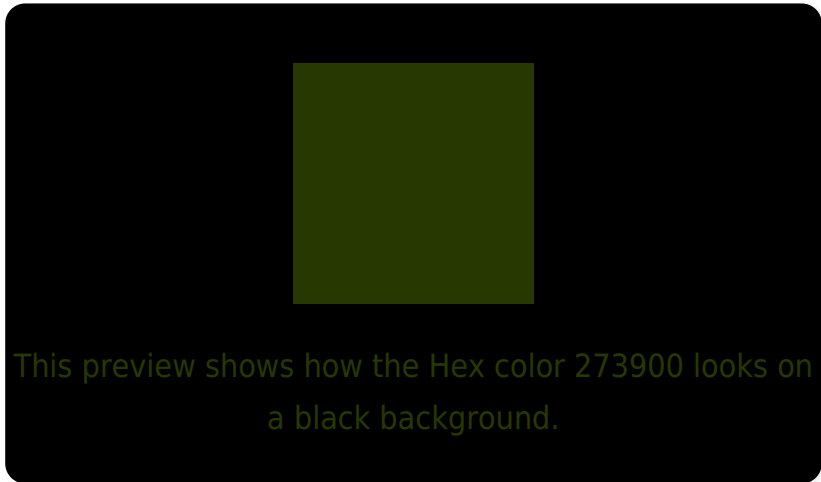
Large Text (above 18pt) WCAG AA ✓ Pass

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

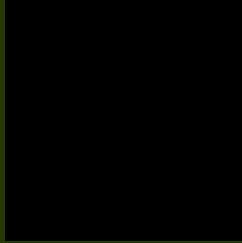
Any Text WCAG AA × Fail

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 273900 Background



This preview shows how black text looks on a background with the Hex color 273900.



This preview shows how white text looks on a background with the Hex color 273900.

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
273900

Protanopia
3A3400

Deuteranopia
41310B

Trichromacy



Original Color
273900

Protanomaly
333600

Deuteranomaly
383407

Tritanomaly
2B3624

Monochromacy



Original Color
273900

Achromatopsia
2D2D2D

Achromatomaly
2B311D

CSS Examples

Text

The CSS property to change the color of the text to Hex 273900 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 #273900 looks like.

```
.text, #text, p{  
    color:#273900  
}
```

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 #273900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273900
}
```

Border

The CSS property to change the border of an element to Hex 273900 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".

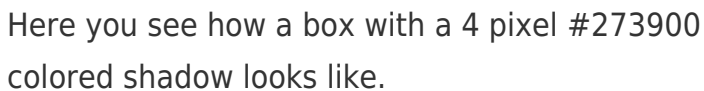
```
.border, #border, table{ border:4px solid
#273900 }
```

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

```
.border{ border-color:#273900 }
```

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

Here you see how a box with a 4 pixel #273900 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273900; -webkit-box-shadow:4px 4px  
4px 4px #273900; box-shadow:4px 4px 4px  
4px #273900 }
```

Background

The CSS property to change the background color of an element to Hex 273900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273900 }
```

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

```
.background{ background-color:#273900 }
```

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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