

Converting Colors

Hex(272A00)

Have a look what the booklet for
Hex(272A00) contains.

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Color

Hex(272A00)

Conversions

Conversions Part 1

Format	Color
Hex	272A00
RGB	39, 42, 0
RGB Percent	15%, 16%, 0%
CMY	0.8471, 0.8353, 1.0000
CMYK	0.07, 0.00, 1.00, 0.84
HSL	64°, 100%, 8%
HSV	64°, 100%, 16%
XYZ	1.6647, 2.0873, 0.3151
YIQ	36.3150, 11.6940, -13.6980

Conversions

Conversions Part 2

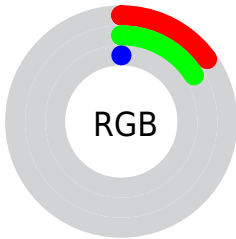
Format	Color
RYB	0, 42, 3
Decimal	2566656
CIELab	15.94, -7.82, 22.97
CIELCh	16, 24.267, 108.798
Yxy	2.0873, 0.4093, 0.5132
Android (android.graphics.Color)	4280756736 (0xFF272A00)
YUV	36.3150, -17.9033, 2.3547
Hunter-Lab	14.4474, -4.7156, 8.8198

Details

The Hex color **272A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **03002A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **55572F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **272A00**, and if you desaturate by 10%, it is **272A04**.

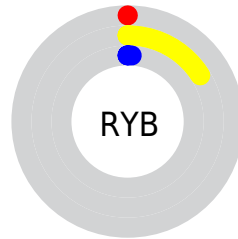
Distribution



Red (15%)

Green (16%)

Blue (0%)



Red (0%)

Yellow (16%)

Blue (1%)

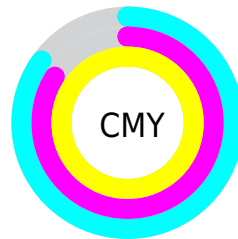


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (85%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272A00 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 272A00 by changing the saturation by 10% instead.

 272A00

 272A00

 FFFFE3

 0D1600

 55572F

 000000

 6E7046

 87895E

 A2A377

 BDBE91

 D9DAAB

 F6F6C7

 272A00

■ 272A04

■ 282A08

■ 282A0D

■ 282A11

■ 292A15

■ 292A19

■ 292A1D

■ 292A22

■ 2A2A26

Harmonies

Analogous

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



372400



272A00



122E0F

Triad

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



272A00



002F41



44182F

Complementary

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



272A00



03002A

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.



361E3F



272A00



002B49

Square

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



272A00



003032



1C2648



47181E

Rectangle

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



272A00



002F1B



1C2648



401A34

Sweetspot

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



272A00



343625



2A0300



1B1C12



9C9C9C



1C1C1C

Same Dimension

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



272A00



323600



122A00



141412



4E5400



C5D400

Inverse Universe

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



03002A



040036



18002A



131214



060054



0F00D4

Previews

White Background



This preview shows how the Hex color 272A00 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

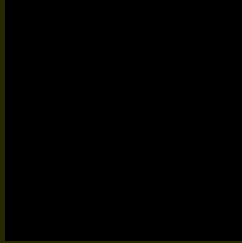
Any Text WCAG AA × Fail

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 272A00 Background



This preview shows how black text looks on a background with the Hex color 272A00.

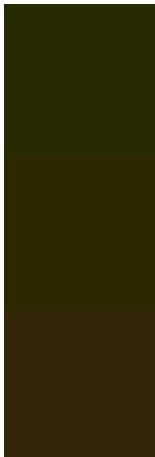


This preview shows how white text looks on a background with the Hex color 272A00.

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
272A00

Protanopia
2D2800

Deuteranopia
322607



Tritanopia
2A272A

Trichromacy



Original Color

272A00

Protanomaly

2B2900

Deuteranomaly

2E2704

Tritanomaly

29281B

Monochromacy



Original Color

272A00

Achromatopsia

242424

Achromatomaly

252617

CSS Examples

Text

The CSS property to change the color of the text to Hex 272A00 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 #272A00 looks like.

```
.text, #text, p{  
    color:#272A00  
}
```

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 #272A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272A00
}
```

Border

The CSS property to change the border of an element to Hex 272A00 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".

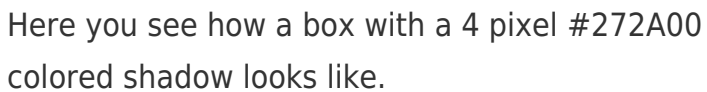
```
.border, #border, table{ border:4px solid
#272A00 }
```

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

```
.border{ border-color:#272A00 }
```

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

Here you see how a box with a 4 pixel #272A00 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272A00; -webkit-box-shadow:4px 4px  
4px 4px #272A00; box-shadow:4px 4px 4px  
4px #272A00 }
```

Background

The CSS property to change the background color of an element to Hex 272A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272A00 }
```

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

```
.background{ background-color:#272A00 }
```

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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