

Converting Colors

Hex(272842)

Have a look what the booklet for
Hex(272842) contains.

Hex(272842)	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(272842)

Conversions

Conversions Part 1

Format	Color
Hex	272842
RGB	39, 40, 66
RGB Percent	15%, 16%, 26%
CMY	0.8471, 0.8431, 0.7412
CMYK	0.41, 0.39, 0.00, 0.74
HSL	238°, 26%, 21%
HSV	238°, 41%, 26%
XYZ	2.5789, 2.3423, 5.4704
YIQ	42.6650, -8.9420, 7.8740

Conversions

Conversions Part 2

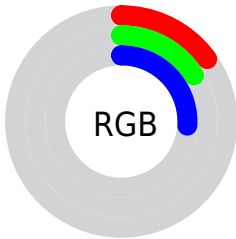
Format	Color
RYB	39, 40, 66
Decimal	2566210
CIELab	17.19, 7.19, -16.58
CIELCh	17, 18.066, 293.438
Yxy	2.3423, 0.2482, 0.2254
Android (android.graphics.Color)	4280756290 (0xFF272842)
YUV	42.6650, 11.5042, -3.2142
Hunter-Lab	15.3045, 3.2951, -10.4795

Details

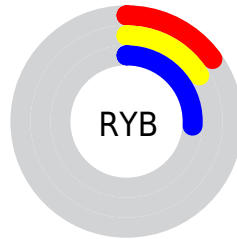
The Hex color **272842** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **424127**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **555572**, and **000117** is the 20% darker color. If you saturate the color by 10%, you get **202242**, and if you desaturate by 10%, it is **2E2E42**.

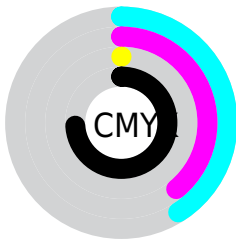
Distribution



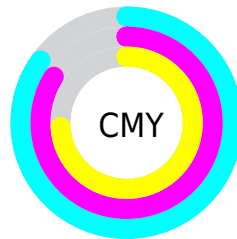
- Red (15%)
- Green (16%)
- Blue (26%)



- Red (15%)
- Yellow (16%)
- Blue (26%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (74%)



- Cyan (85%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272842 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 272842 by changing the saturation by 10% instead.

■ 272842

■ 272842

FFFFFF

■ 11142C

■ 555572

■ 000117

■ 6E6D8C

■ 000000

■ 8786A6

■ A2A1C1

■ BDBCDD

■ D9D7FA

■ F6F4FF

■ 272842

■ 272842

■ 202242

■ 2E2E42

■ 1A1B42

■ 343542

■ 131542

■ 3B3B42

■ 0D0F42

■ 414142

■ 060842

■ 484842

■ 000242

■ 4F4E42

■ 555442

■ 5C5B42

■ 626142

Harmonies

Analogous

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



0E2C44



272842



38233A

Triad

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



272842



3E2416



033127

Complementary

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



272842



424127

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.



192F1A



272842



352910

Square

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



272842



432021



282D12



003134

Rectangle

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



272842



3F2132



282D12



0B3022

Sweetspot

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



272842



4C4D57



274241



25262B



ABABAB



2B2B2B

Same Dimension

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



272842



2C2E57



332742



1E1E21



000461



0008E0

Inverse Universe

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



422728



572C2E



364227



211E1E



610004



E00008

Previews

White Background



This preview shows how the Hex color 272842 looks on a white background.

Color Contrast Check

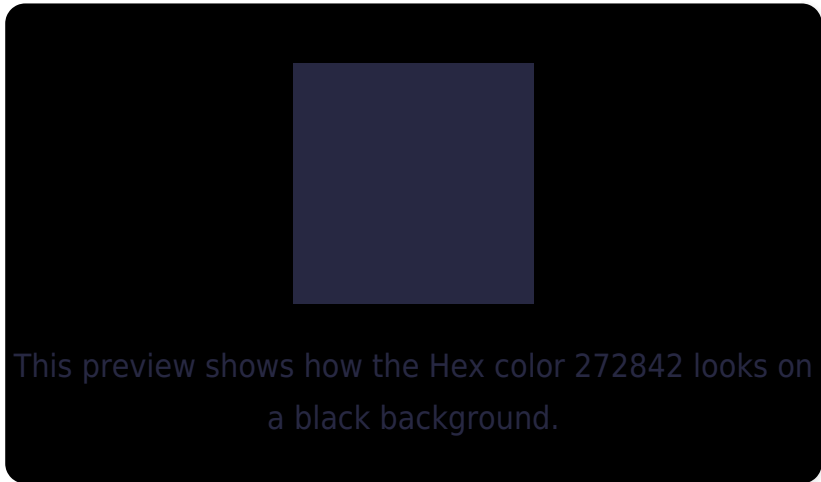
Large Text (above 18pt) WCAG AA ✓ Pass

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

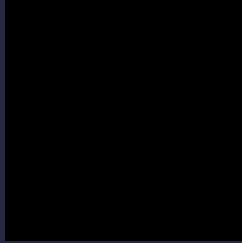
Any Text WCAG AA × Fail

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 272842 Background



This preview shows how black text looks on a background with the Hex color 272842.



This preview shows how white text looks on a background with the Hex color 272842.

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
272842

Protanopia
212943

Deuteranopia
1E2A41

Trichromacy



Original Color

272842

Protanomaly

232943

Deuteranomaly

212941

Tritanomaly

242B36

Monochromacy



Original Color

272842

Achromatopsia

2B2B2B

Achromatomaly

2A2A33

CSS Examples

Text

The CSS property to change the color of the text to Hex 272842 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 #272842 looks like.

```
.text, #text, p{  
    color:#272842  
}
```

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 #272842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272842
}
```

Border

The CSS property to change the border of an element to Hex 272842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

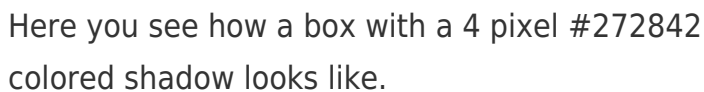
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272842 }
```

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

```
.border{ border-color:#272842 }
```

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



Here you see how a box with a 4 pixel #272842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272842; -webkit-box-shadow:4px 4px  
4px 4px #272842; box-shadow:4px 4px 4px  
4px #272842 }
```

Background

The CSS property to change the background color of an element to Hex 272842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272842 }
```

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

```
.background{ background-color:#272842 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor