

Converting Colors

Hex(272833)

Have a look what the booklet for
Hex(272833) contains.

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Color

Hex(272833)

Conversions

Conversions Part 1

Format	Color
Hex	272833
RGB	39, 40, 51
RGB Percent	15%, 16%, 20%
CMY	0.8471, 0.8431, 0.8000
CMYK	0.24, 0.22, 0.00, 0.80
HSL	235°, 13%, 18%
HSV	235°, 24%, 20%
XYZ	2.1930, 2.1879, 3.4387
YIQ	40.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

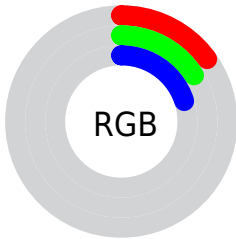
Format	Color
RYB	39, 40, 51
Decimal	2566195
CIELab	16.44, 2.50, -7.28
CIELCh	16, 7.697, 288.943
Yxy	2.1879, 0.2805, 0.2798
Android (android.graphics.Color)	4280756275 (0xFF272833)
YUV	40.9550, 4.9522, -1.7145
Hunter-Lab	14.7917, 0.5792, -3.4293

Details

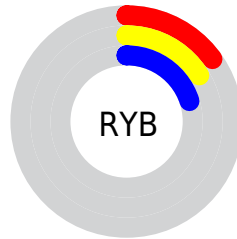
The Hex color **272833** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333227**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **545561**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **222333**, and if you desaturate by 10%, it is **2C2D33**.

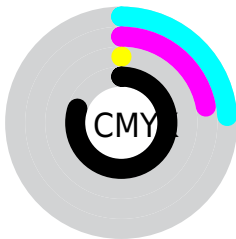
Distribution



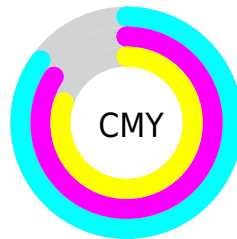
- Red (15%)
- Green (16%)
- Blue (20%)



- Red (15%)
- Yellow (16%)
- Blue (20%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (80%)



- Cyan (85%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272833 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 272833 by changing the saturation by 10% instead.

■ 272833

■ 272833

FFFFFF

■ 13141E

■ 545561

■ 000003

■ 6C6D7A

■ 000000

■ 868694

■ A0A1AF

■ BBCCA

■ D7D7E6

■ F3F4FF

■ 272833

■ 272833

■ 222333

■ 2C2D33

■ 1D1F33

■ 313133

■ 181A33

■ 363633

■ 131533

■ 3B3B33

■ 0D1133

■ 413F33

■ 080C33

■ 464433

■ 030733

■ 4B4933

■ 000433

■ 504D33

■ 555233

Harmonies

Analogous

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



202A33



272833



2E2630

Triad

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



272833



332621



1D2C26

Complementary

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



272833



333227

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.



232B21



272833



2F281E

Square

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



272833



342525



29291E



1A2C2C

Rectangle

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



272833



31252D



29291E



1F2C25

Sweetspot

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



272833



3E3E42



273332



1E1F21



A1A1A1



212121

Same Dimension

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



272833



303142



2C2733



17171A



000759



0012D9

Inverse Universe

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



332728



423031



2E3327



1A1717



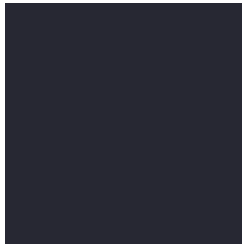
590007



D90012

Previews

White Background



This preview shows how the Hex color 272833 looks on a white background.

Color Contrast Check

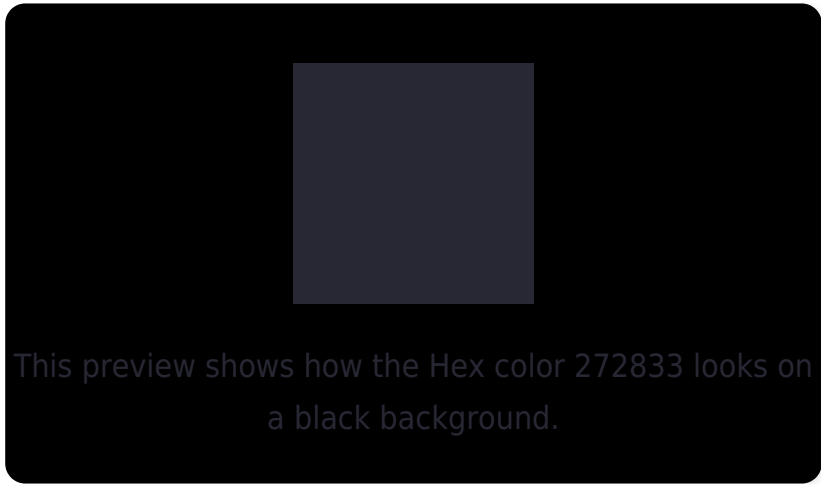
Large Text (above 18pt) WCAG AA ✓ Pass

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

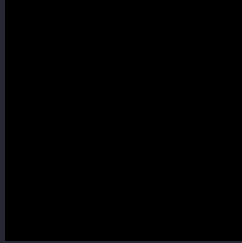
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

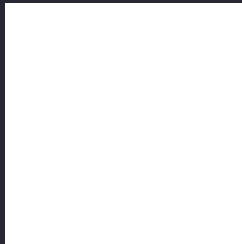
Any Text WCAG AAA × Fail

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

Hex 272833 Background



This preview shows how black text looks on a background with the Hex color 272833.

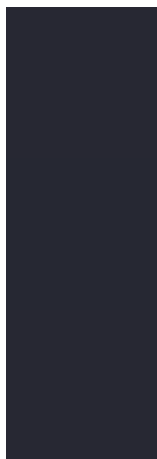


This preview shows how white text looks on a background with the Hex color 272833.

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
272833

Protanopia
262833

Deuteranopia
272833



Tritanopia
26292C

Trichromacy



Original Color

272833

Protanomaly

262833

Deuteranomaly

272833

Tritanomaly

26292F

Monochromacy



Original Color

272833

Achromatopsia

292929

Achromatomaly

28292D

CSS Examples

Text

The CSS property to change the color of the text to Hex 272833 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 #272833 looks like.

```
.text, #text, p{  
    color:#272833  
}
```

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 #272833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272833
}
```

Border

The CSS property to change the border of an element to Hex 272833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

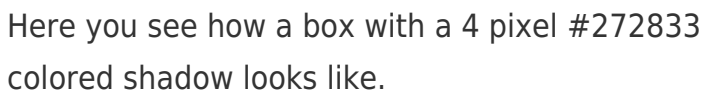
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272833 }
```

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

```
.border{ border-color:#272833 }
```

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



Here you see how a box with a 4 pixel #272833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272833; -webkit-box-shadow:4px 4px  
4px 4px #272833; box-shadow:4px 4px 4px  
4px #272833 }
```

Background

The CSS property to change the background color of an element to Hex 272833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272833 }
```

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

```
.background{ background-color:#272833 }
```

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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