

Converting Colors

Hex(272E36)

Have a look what the booklet for
Hex(272E36) contains.

Hex(272E36)	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(272E36)

Conversions

Conversions Part 1

Format	Color
Hex	272E36
RGB	39, 46, 54
RGB Percent	15%, 18%, 21%
CMY	0.8471, 0.8196, 0.7882
CMYK	0.28, 0.15, 0.00, 0.79
HSL	212°, 16%, 18%
HSV	212°, 28%, 21%
XYZ	2.4796, 2.6517, 3.8712
YIQ	44.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

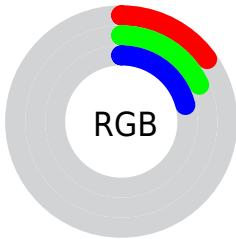
Format	Color
RYB	39, 44, 54
Decimal	2567734
CIELab	18.59, -0.81, -6.12
CIElCh	19, 6.178, 262.480
Yxy	2.6517, 0.2754, 0.2946
Android (android.graphics.Color)	4280757814 (0xFF272E36)
YUV	44.8190, 4.5262, -5.1033
Hunter-Lab	16.2839, -1.3168, -2.6962

Details

The Hex color **272E36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362F27**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **545C65**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **222B36**, and if you desaturate by 10%, it is **2C3136**.

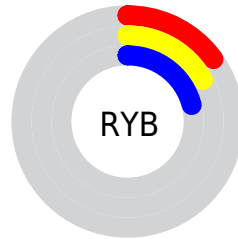
Distribution



Red (15%)

Green (18%)

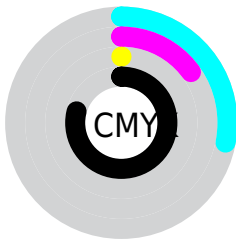
Blue (21%)



Red (15%)

Yellow (17%)

Blue (21%)

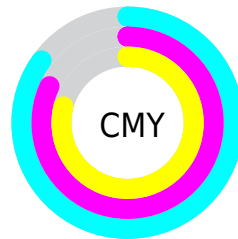


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (79%)



Cyan (85%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272E36 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 272E36 by changing the saturation by 10% instead.

■ 272E36

■ 272E36

FFFFFF

■ 131921

■ 545C65

■ 000009

■ 6D747E

■ 000000

■ 868E97

■ A0A8B2

■ BBC3CE

■ D7DFEA

■ F3FCFF

■ 272E36

■ 272E36

■ 222B36

■ 2C3136

■ 1C2836

■ 323436

■ 172536

■ 373736

■ 112236

■ 3D3A36

■ 0C2036

■ 423C36

■ 071D36

■ 473F36

■ 011A36

■ 4D4236

■ 001936

■ 524536

■ 584836

Harmonies

Analogous

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



232F34



272E36



2D2D35

Triad

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



272E36



372A2A



282F28

Complementary

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



272E36



362F27

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.



2D2E25



272E36



352B26

Square

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



272E36



362A2F



322D24



24302C

Rectangle

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



272E36



302C34



322D24



2A2F27

Sweetspot

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



272E36



424447



27362F



202224



A3A3A3



242424

Same Dimension

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



272E36



303B47



282736



191B1C



002B5C



0066DB

Inverse Universe

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



36272E



47303B



363627



1C191B



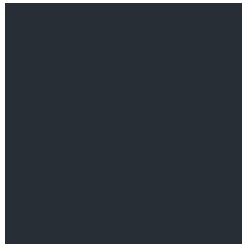
5C002B



DB0066

Previews

White Background



This preview shows how the Hex color 272E36 looks on a white background.

Color Contrast Check

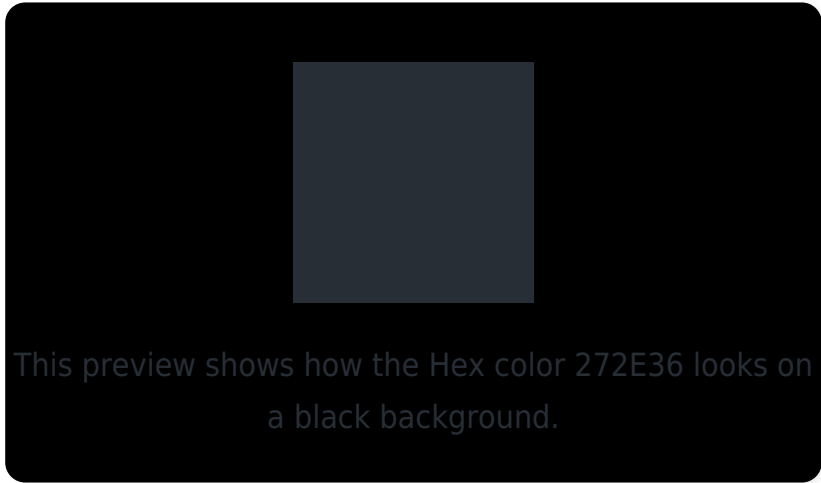
Large Text (above 18pt) WCAG AA ✓ Pass

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

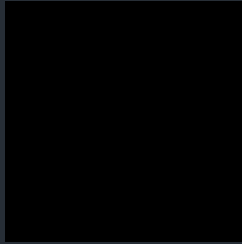
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

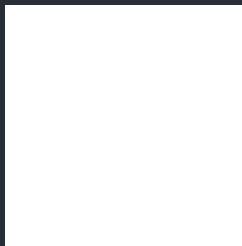
Any Text WCAG AAA × Fail

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

Hex 272E36 Background



This preview shows how black text looks on a background with the Hex color 272E36.



This preview shows how white text looks on a background with the Hex color 272E36.

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
272E36

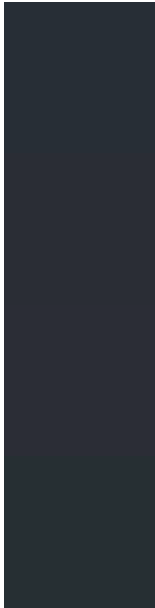
Protanopia
2C2D35

Deuteranopia
2D2C36



Tritanopia
262F32

Trichromacy



Original Color

272E36

Protanomaly

2A2D35

Deuteranomaly

2B2D36

Tritanomaly

262F33

Monochromacy



Original Color

272E36

Achromatopsia

2D2D2D

Achromatomaly

2B2D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 272E36 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 #272E36 looks like.

```
.text, #text, p{  
    color:#272E36  
}
```

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 #272E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272E36
}
```

Border

The CSS property to change the border of an element to Hex 272E36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

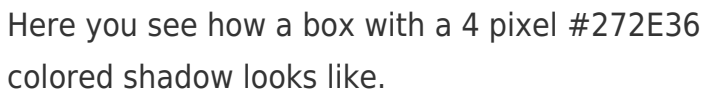
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272E36 }
```

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

```
.border{ border-color:#272E36 }
```

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



Here you see how a box with a 4 pixel #272E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272E36; -webkit-box-shadow:4px 4px  
4px 4px #272E36; box-shadow:4px 4px 4px  
4px #272E36 }
```

Background

The CSS property to change the background color of an element to Hex 272E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272E36 }
```

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

```
.background{ background-color:#272E36 }
```

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