

Converting Colors

Hex(272C2F)

Have a look what the booklet for
Hex(272C2F) contains.

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Color

Hex(272C2F)

Conversions

Conversions Part 1

Format	Color
Hex	272C2F
RGB	39, 44, 47
RGB Percent	15%, 17%, 18%
CMY	0.8471, 0.8275, 0.8157
CMYK	0.17, 0.06, 0.00, 0.82
HSL	203°, 9%, 17%
HSV	203°, 17%, 18%
XYZ	2.2505, 2.4379, 3.0413
YIQ	42.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

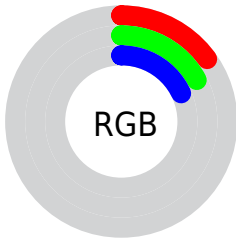
Format	Color
RYB	39, 42, 47
Decimal	2567215
CIELab	17.64, -1.40, -2.69
CIElCh	18, 3.035, 242.423
Yxy	2.4379, 0.2911, 0.3154
Android (android.graphics.Color)	4280757295 (0xFF272C2F)
YUV	42.8470, 2.0474, -3.3738
Hunter-Lab	15.6139, -1.5966, -0.6188

Details

The Hex color **272C2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2A27**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **54595D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222A2F**, and if you desaturate by 10%, it is **2C2E2F**.

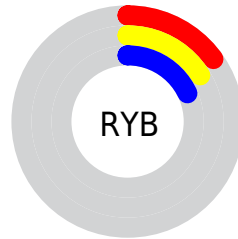
Distribution



Red (15%)

Green (17%)

Blue (18%)



Red (15%)

Yellow (16%)

Blue (18%)

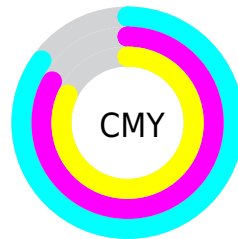


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (82%)



Cyan (85%)

Magenta (83%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272C2F 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 272C2F by changing the saturation by 10% instead.

■ 272C2F

■ 272C2F

FFFFFF

■ 13181A

■ 54595D

■ 000000

■ 6C7275

■ 858B8F

■ A0A6A9

■ BBC1C5

■ D6DDE1

■ F3F9FD

■ 272C2F

■ 272C2F

■ 222A2F

■ 2C2E2F

■ 1E282F

■ 30302F

■ 19272F

■ 35312F

■ 14252F

■ 3A332F

■ 10232F

■ 3F352F

■ 0B212F

■ 43372F

■ 06202F

■ 48382F

■ 011E2F

■ 4D3A2F

■ 001D2F

■ 513C2F

Harmonies

Analogous

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



262C2D



272C2F



292B30

Triad

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



272C2F



302A2B



2A2C28

Complementary

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



272C2F



2F2A27

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.



2D2B27



272C2F



302A29

Square

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



272C2F



2E2A2D



2F2A27



282C29

Rectangle

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



272C2F



2B2B2F



2F2A27



2B2C27

Sweetspot

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



272C2F



3A3C3D



272F2A



1D1E1F



9E9E9E



1F1F1F

Same Dimension

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



272C2F



31393D



27282F



151617



003657



0086D6

Inverse Universe

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



2F272C



3D3139



2F2E27



171516



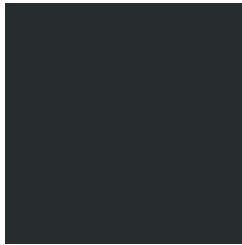
570036



D60086

Previews

White Background



This preview shows how the Hex color 272C2F looks on a white background.

Color Contrast Check

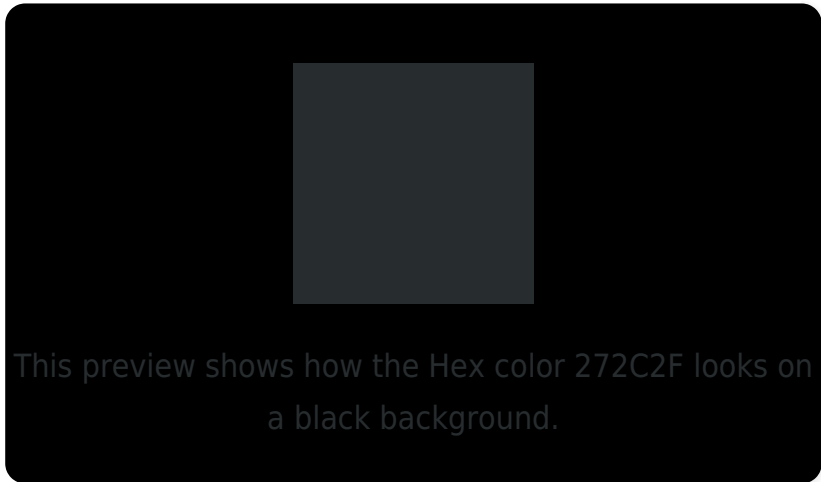
Large Text (above 18pt) WCAG AA ✓ Pass

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

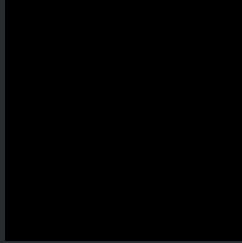
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

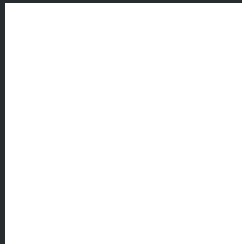
Any Text WCAG AAA × Fail

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

Hex 272C2F Background



This preview shows how black text looks on a background with the Hex color 272C2F.

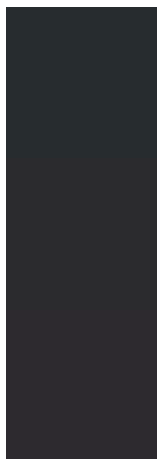


This preview shows how white text looks on a background with the Hex color 272C2F.

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
272C2F

Protanopia
2B2B2E

Deuteranopia
2D2A2F

Trichromacy



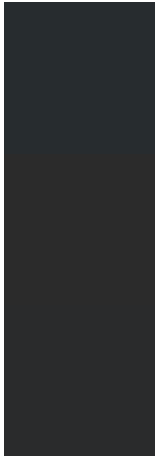
Original Color
272C2F

Protanomaly
2A2B2E

Deuteranomaly
2B2B2F

Tritanomaly
272C2F

Monochromacy



Original Color
272C2F

Achromatopsia
2B2B2B

Achromatomaly
2A2B2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 272C2F 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 #272C2F looks like.

```
.text, #text, p{  
    color:#272C2F  
}
```

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 #272C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272C2F
}
```

Border

The CSS property to change the border of an element to Hex 272C2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

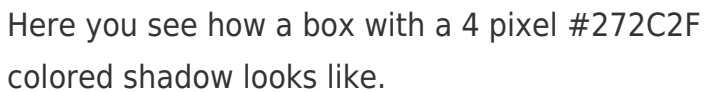
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272C2F }
```

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

```
.border{ border-color:#272C2F }
```

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



Here you see how a box with a 4 pixel #272C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272C2F; -webkit-box-shadow:4px 4px  
4px 4px #272C2F; box-shadow:4px 4px 4px  
4px #272C2F }
```

Background

The CSS property to change the background color of an element to Hex 272C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272C2F }
```

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

```
.background{ background-color:#272C2F }
```

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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