

Converting Colors

Hex(272F34)

Have a look what the booklet for
Hex(272F34) contains.

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Color

Hex(272F34)

Conversions

Conversions Part 1

Format	Color
Hex	272F34
RGB	39, 47, 52
RGB Percent	15%, 18%, 20%
CMY	0.8471, 0.8157, 0.7961
CMYK	0.25, 0.10, 0.00, 0.80
HSL	203°, 14%, 18%
HSV	203°, 25%, 20%
XYZ	2.4730, 2.7123, 3.6420
YIQ	45.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

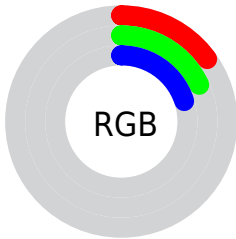
Format	Color
RYB	39, 44, 52
Decimal	2567988
CIELab	18.85, -2.07, -4.35
CIElCh	19, 4.815, 244.590
Yxy	2.7123, 0.2802, 0.3073
Android (android.graphics.Color)	4280758068 (0xFF272F34)
YUV	45.1780, 3.3632, -5.4181
Hunter-Lab	16.4691, -2.0167, -1.5831

Details

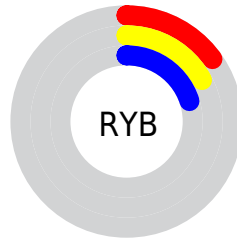
The Hex color **272F34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342C27**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **545D62**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **222D34**, and if you desaturate by 10%, it is **2C3134**.

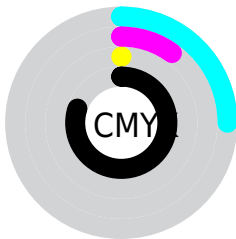
Distribution



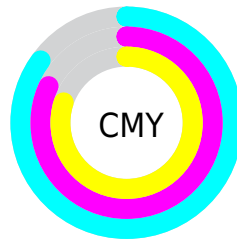
- Red (15%)
- Green (18%)
- Blue (20%)



- Red (15%)
- Yellow (17%)
- Blue (20%)



- Cyan (25%)
- Magenta (10%)
- Yellow (0%)
- Black (80%)



- Cyan (85%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272F34 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 272F34 by changing the saturation by 10% instead.

■ 272F34

■ 272F34

FFFFFF

■ 131A1F

■ 545D62

■ 000006

■ 6C757B

■ 000000

■ 868F95

■ A0A9B0

■ BBC5CB

■ D7E1E7

■ F3FDFD

■ 272F34

■ 272F34

■ 222D34

■ 2C3134

■ 1D2B34

■ 313334

■ 172934

■ 373534

■ 122734

■ 3C3734

■ 0D2534

■ 413934

■ 082334

■ 463B34

■ 032134

■ 4B3D34

■ 002034

■ 513F34

■ 564134

Harmonies

Analogous

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



253032



272F34



2B2E35

Triad

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



272F34



352B2D



2C2F28

Complementary

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



272F34



342C27

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.



302E27



272F34



352C2A

Square

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



272F34



332C31



332D28



28302B

Rectangle

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



272F34



2E2D34



332D28



2E2E27

Sweetspot

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



272F34



3F4345



27342C



202224



A3A3A3



242424

Same Dimension

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



272F34



303D45



272934



17191A



003759



0085D9

Inverse Universe

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



34272F



45303D



343227



1A1719



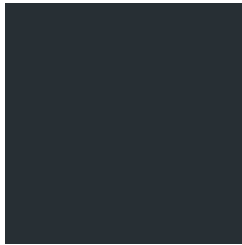
590037



D90085

Previews

White Background



This preview shows how the Hex color 272F34 looks on a white background.

Color Contrast Check

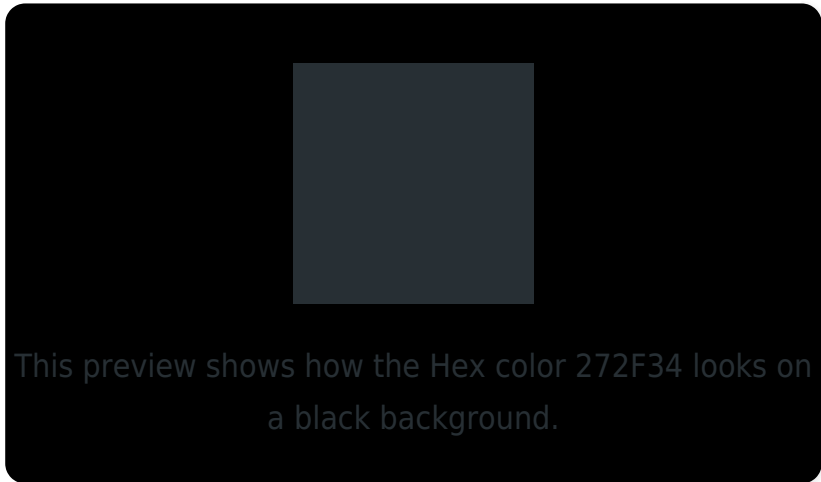
Large Text (above 18pt) WCAG AA ✓ Pass

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

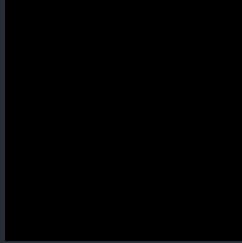
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

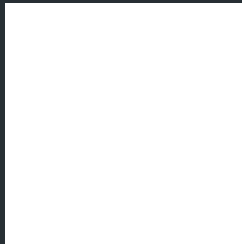
Any Text WCAG AAA × Fail

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

Hex 272F34 Background



This preview shows how black text looks on a background with the Hex color 272F34.

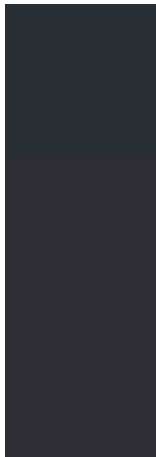


This preview shows how white text looks on a background with the Hex color 272F34.

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
272F34

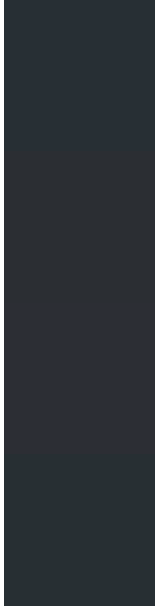
Protanopia
2D2D33

Deuteranopia
2F2D34



Tritanopia
272F33

Trichromacy



Original Color

272F34

Protanomaly

2B2E33

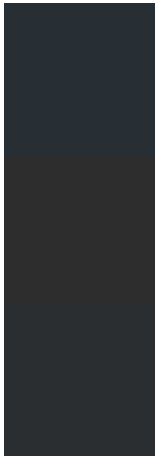
Deuteranomaly

2C2E34

Tritanomaly

272F33

Monochromacy



Original Color

272F34

Achromatopsia

2D2D2D

Achromatomaly

2B2E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 272F34 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 #272F34 looks like.

```
.text, #text, p{  
    color:#272F34  
}
```

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 #272F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272F34
}
```

Border

The CSS property to change the border of an element to Hex 272F34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

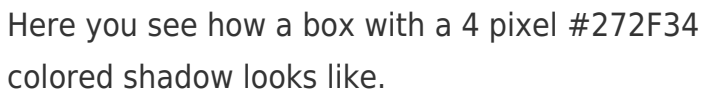
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272F34 }
```

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

```
.border{ border-color:#272F34 }
```

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



Here you see how a box with a 4 pixel #272F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272F34; -webkit-box-shadow:4px 4px  
4px 4px #272F34; box-shadow:4px 4px 4px  
4px #272F34 }
```

Background

The CSS property to change the background color of an element to Hex 272F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272F34 }
```

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

```
.background{ background-color:#272F34 }
```

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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