

# Converting Colors

Hex(272E30)

Have a look what the booklet for  
Hex(272E30) contains.

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# Color

**Hex(272E30)**

# Conversions

## Conversions Part 1

Format	Color
Hex	272E30
RGB	39, 46, 48
RGB Percent	15%, 18%, 19%
CMY	0.8471, 0.8196, 0.8118
CMYK	0.19, 0.04, 0.00, 0.81
HSL	193°, 10%, 17%
HSV	193°, 19%, 19%
XYZ	2.3472, 2.5987, 3.1742
YIQ	44.1350, -4.8140, -0.8620

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 43, 48
Decimal	2567728
CIELab	18.36, -2.50, -2.31
CIElCh	18, 3.404, 222.822
Yxy	2.5987, 0.2891, 0.3200
Android (android.graphics.Color)	4280757808 (0xFF272E30)
YUV	44.1350, 1.9054, -4.5034
Hunter-Lab	16.1206, -2.2209, -0.3900

# Details

The Hex color **272E30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **302927**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **545C5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222D30**, and if you desaturate by 10%, it is **2C2F30**.

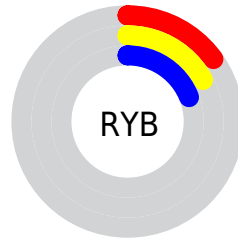
# Distribution



Red (15%)

Green (18%)

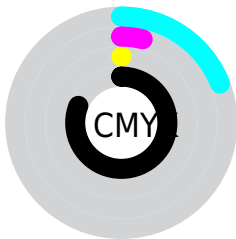
Blue (19%)



Red (15%)

Yellow (17%)

Blue (19%)

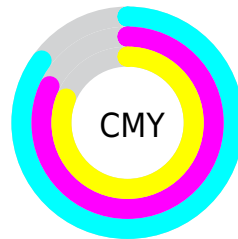


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (81%)



Cyan (85%)

Magenta (82%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 272E30 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 272E30 by changing the saturation by 10% instead.



■ 272E30

■ 272E30

FFFFFF

■ 13191B

■ 545C5E

■ 000000

■ 6C7477

■ 868E90

■ A0A8AB

■ BBC3C6

■ D6DFE2

■ F3FCFF

■ 272E30

■ 272E30

■ 222D30

■ 2C2F30

■ 1D2C30

■ 313030

■ 192B30

■ 353130

■ 142A30

■ 3A3230

■ 0F2930

■ 3F3330

■ 0A2830

■ 443430

■ 052730

■ 493530

■ 012530

■ 4D3730

■ 002530

■ 523830

# Harmonies

## Analogous

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



272E2E



272E30



292D31

# Triad

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



272E30



312B2E



2E2D28

# Complementary

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



272E30



302927

# 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.



302C28



272E30



322B2C

# Square

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



272E30



2F2C30



322B2A



2B2E29

# Rectangle

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



272E30



2B2D32



322B2A



2F2D28



# Sweetspot

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



272E30



3A3C3D



273029



1C1E1F



9E9E9E



1F1F1F



# Same Dimension

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



272E30



2F3A3D



272A30



151617



004357



00A7D6



# Inverse Universe

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



30272E



3D2F3A



302D27



171516



570043

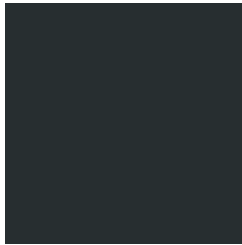


D600A7



# Previews

## White Background



This preview shows how the Hex color 272E30 looks on a white background.

## Color Contrast Check

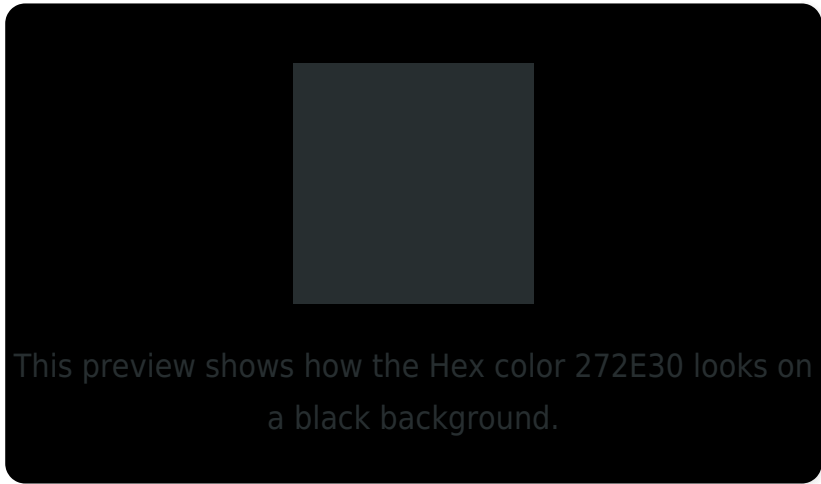
Large Text (above 18pt) WCAG AA ✓ Pass

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

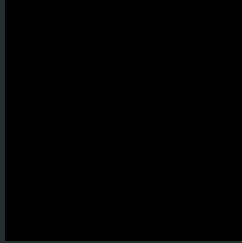
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 272E30 Background



This preview shows how black text looks on a background with the Hex color 272E30.

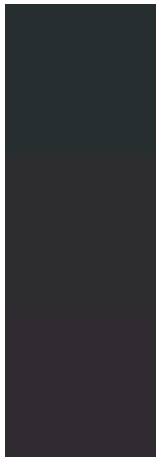


This preview shows how white text looks on a background with the Hex color 272E30.

# 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**  
272E30

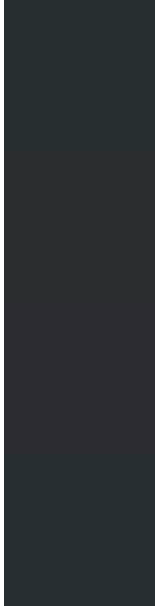
**Protanopia**  
2D2C2F

**Deuteranopia**  
2F2B31



**Tritanopia**  
272E31

# Trichromacy



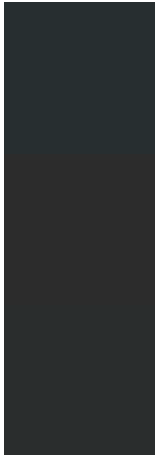
**Original Color**  
272E30

**Protanomaly**  
2B2D2F

**Deuteranomaly**  
2C2C31

**Tritanomaly**  
272E31

# Monochromacy



**Original Color**  
272E30

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
2A2D2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 272E30 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 #272E30 looks like.

```
.text, #text, p{  
    color:#272E30  
}
```

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 #272E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272E30
}
```

## Border

The CSS property to change the border of an element to Hex 272E30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

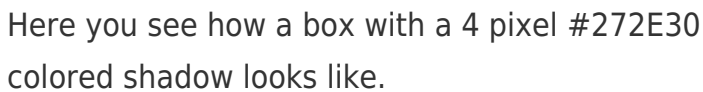
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272E30 }
```

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

```
.border{ border-color:#272E30 }
```

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



Here you see how a box with a 4 pixel #272E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272E30; -webkit-box-shadow:4px 4px  
4px 4px #272E30; box-shadow:4px 4px 4px  
4px #272E30 }
```

# Background

The CSS property to change the background color of an element to Hex 272E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272E30 }
```

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

```
.background{ background-color:#272E30 }
```

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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