

# Converting Colors

Hex(273A33)

Have a look what the booklet for  
Hex(273A33) contains.

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# Color

Hex(273A33)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	273A33
RGB	39, 58, 51
RGB Percent	15%, 23%, 20%
CMY	0.8471, 0.7725, 0.8000
CMYK	0.33, 0.00, 0.12, 0.77
HSL	158°, 20%, 19%
HSV	158°, 33%, 23%
XYZ	2.9473, 3.6965, 3.6901
YIQ	51.5210, -9.0770, -6.2050

# Conversions

## Conversions Part 2

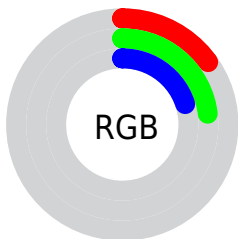
Format	Color
<b>RYB</b>	39, 51, 58
Decimal	2570803
CIELab	22.64, -9.47, 1.90
CIELCh	23, 9.663, 168.657
Yxy	3.6965, 0.2852, 0.3577
Android (android.graphics.Color)	4280760883 (0xFF273A33)
YUV	51.5210, -0.2569, -10.9809
Hunter-Lab	19.2262, -6.2825, 2.0787

# Details

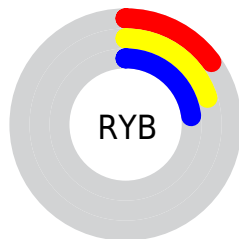
The Hex color **273A33** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A272E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **556961**, and **001005** is the 20% darker color. If you saturate the color by 10%, you get **213A31**, and if you desaturate by 10%, it is **2D3A35**.

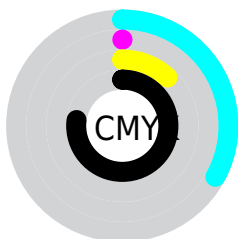
# Distribution



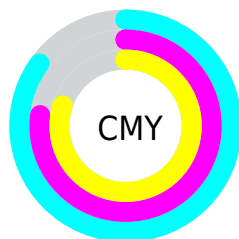
- Red (15%)
- Green (23%)
- Blue (20%)



- Red (15%)
- Yellow (20%)
- Blue (23%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (77%)



- Cyan (85%)
- Magenta (77%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 273A33 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 273A33 by changing the saturation by 10% instead.



■ 273A33

■ 273A33

FFFFFF

■ 12241E

■ 556961

■ 001005

■ 6D827A

■ 000000

■ 879C94

■ A1B7AE

■ BCD3CA

■ D8EFE6

■ F4FFFF

■ 273A33

■ 273A33

■ 213A31

■ 2D3A35

■ 1B3A2F

■ 333A37

■ 163A2D

■ 383A39

■ 103A2A

■ 3E3A3C

■ 0A3A28

■ 443A3E

■ 043A26

■ 4A3A40

■ 003A25

■ 503A42

■ 553A44

■ 5B3A46

# Harmonies

## Analogous

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



2F392C



273A33



223A3A

# Triad

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



273A33



343544



43322C

# Complementary

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



273A33



3A272E

# 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.



453132



273A33



3D3340

# Square

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



273A33



2A3844



433139



3E3528

# Rectangle

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



273A33



223A3F



433139



44322D



# Sweetspot

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



273A33



454D4A



2E3A27



222625



A6A6A6



262626



# Same Dimension

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



273A33



2F4D42



27383A



191C1B



005C3A



00DB8B



# Inverse Universe

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



3A272E



4D2F3A



3A2927



1C191A



5C0022



DB0051



# Previews

## White Background



This preview shows how the Hex color 273A33 looks on a white background.

## Color Contrast Check

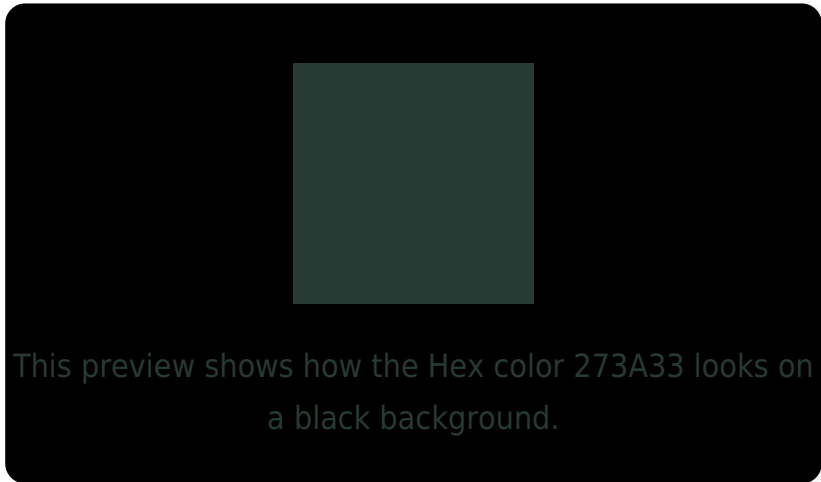
Large Text (above 18pt) WCAG AA ✓ Pass

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

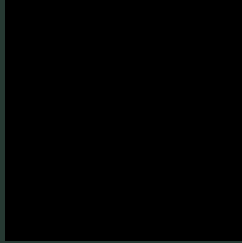
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 273A33 Background



This preview shows how black text looks on a background with the Hex color 273A33.



This preview shows how white text looks on a background with the Hex color 273A33.

# 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](#).

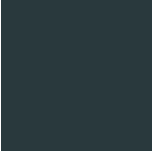
## Dichromacy



**Original Color**  
273A33

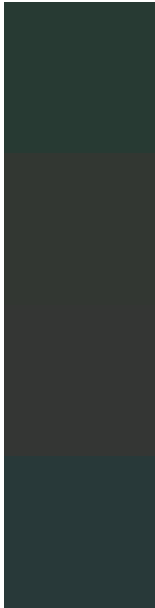
**Protanopia**  
383631

**Deuteranopia**  
3C3434



**Tritanopia**  
29393D

# Trichromacy



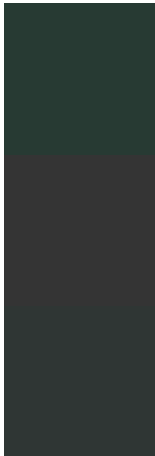
**Original Color**  
273A33

**Protanomaly**  
323732

**Deuteranomaly**  
343634

**Tritanomaly**  
283939

# Monochromacy



**Original Color**  
273A33

**Achromatopsia**  
343434

**Achromatomaly**  
2F3634

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 273A33 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 #273A33 looks like.

```
.text, #text, p{  
    color:#273A33  
}
```

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 #273A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273A33
}
```

## Border

The CSS property to change the border of an element to Hex 273A33 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".

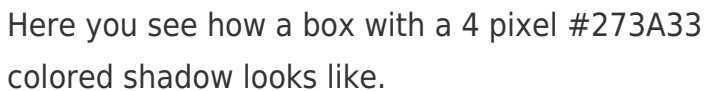
```
.border, #border, table{ border:4px solid
#273A33 }
```

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

```
.border{ border-color:#273A33 }
```

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

Here you see how a box with a 4 pixel #273A33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273A33; -webkit-box-shadow:4px 4px  
4px 4px #273A33; box-shadow:4px 4px 4px  
4px #273A33 }
```

# Background

The CSS property to change the background color of an element to Hex 273A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273A33 }
```

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

```
.background{ background-color:#273A33 }
```

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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