

Converting Colors

Hex(273E49)

Have a look what the booklet for
Hex(273E49) contains.

Hex(273E49)	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(273E49)

Conversions

Conversions Part 1

Format	Color
Hex	273E49
RGB	39, 62, 73
RGB Percent	15%, 24%, 29%
CMY	0.8471, 0.7569, 0.7137
CMYK	0.47, 0.15, 0.00, 0.71
HSL	199°, 30%, 22%
HSV	199°, 47%, 29%
XYZ	3.7619, 4.3576, 6.9462
YIQ	56.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

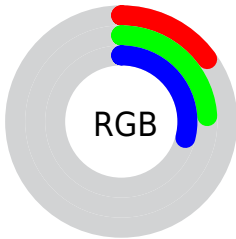
Format	Color
R_YB	39, 53, 73
Decimal	2571849
CIE Lab	24.82, -5.55, -9.53
CIE LCh	25, 11.034, 239.786
Yxy	4.3576, 0.2497, 0.2892
Android (android.graphics.Color)	4280761929 (0xFF273E49)
YUV	56.3770, 8.1951, -15.2396
Hunter-Lab	20.8749, -4.3632, -5.1164

Details

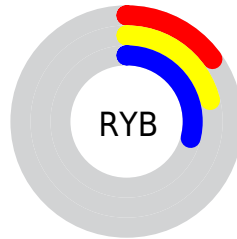
The Hex color **273E49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493227**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **566D7A**, and **00141D** is the 20% darker color. If you saturate the color by 10%, you get **203C49**, and if you desaturate by 10%, it is **2E4049**.

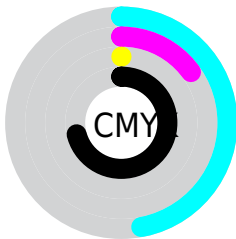
Distribution



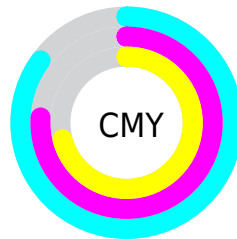
- Red (15%)
- Green (24%)
- Blue (29%)



- Red (15%)
- Yellow (21%)
- Blue (29%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273E49 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 273E49 by changing the saturation by 10% instead.

■ 273E49

■ 273E49

FFFFFF

■ 102832

■ 566D7A

■ 00141D

■ 6F8793

■ 000001

■ 89A1AE

■ 000000

■ A3BCC9

■ BFD8E5

■ DBF4FF

■ F7FFFF

■ 273E49

■ 273E49

■ 203C49

■ 2E4049

■ 183949

■ 364349

■ 113749

■ 3D4549

■ 0A3549

■ 444749

■ 033249

■ 4C4A49

■ 003149

■ 534C49

■ 5A4F49

■ 615149

■ 695349

Harmonies

Analogous

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



233F43



273E49



313C4B

Triad

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



273E49



4B353B



383D2C

Complementary

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



273E49



493227

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.



413A2A



273E49



4C3533

Square

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



273E49



463643



48382D



2F3F32

Rectangle

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



273E49



383A4A



48382D



3B3C2B

Sweetspot

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



273E49



515A5E



274932



282E30



B0B0B0



303030

Same Dimension

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



273E49



2A4D5E



272D49



202324



004363



009AE3

Inverse Universe

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



49273E



5E2A4D



494327



242023



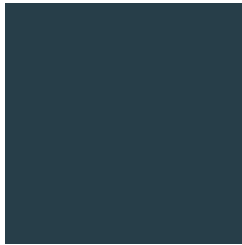
630043



E3009A

Previews

White Background



This preview shows how the Hex color 273E49 looks on a white background.

Color Contrast Check

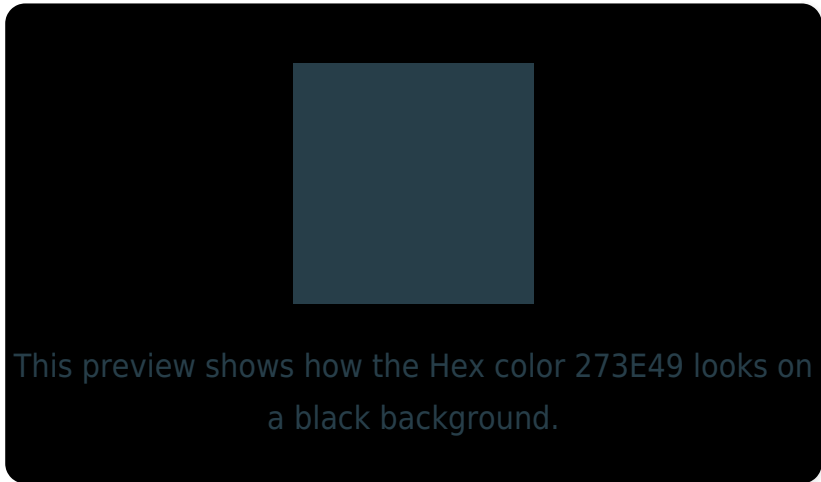
Large Text (above 18pt) WCAG AA ✓ Pass

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

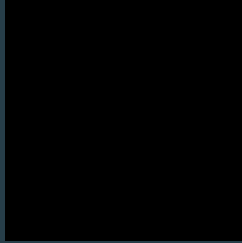
Any Text WCAG AA × Fail

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 273E49 Background



This preview shows how black text looks on a background with the Hex color 273E49.



This preview shows how white text looks on a background with the Hex color 273E49.

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](#).

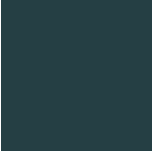
Dichromacy



Original Color
273E49

Protanopia
383A46

Deuteranopia
393A4A



Tritanopia
253F44

Trichromacy



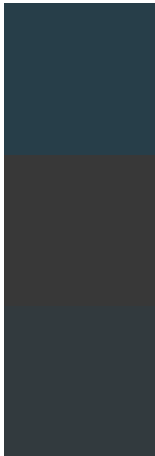
Original Color
273E49

Protanomaly
323B47

Deuteranomaly
323B4A

Tritanomaly
263F46

Monochromacy



Original Color
273E49

Achromatopsia
383838

Achromatomaly
323A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 273E49 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 #273E49 looks like.

```
.text, #text, p{  
    color:#273E49  
}
```

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 #273E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273E49
}
```

Border

The CSS property to change the border of an element to Hex 273E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

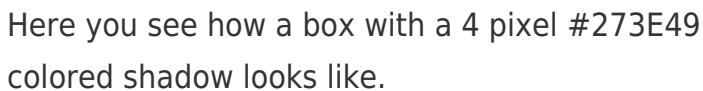
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273E49 }
```

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

```
.border{ border-color:#273E49 }
```

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



Here you see how a box with a 4 pixel #273E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273E49; -webkit-box-shadow:4px 4px  
4px 4px #273E49; box-shadow:4px 4px 4px  
4px #273E49 }
```

Background

The CSS property to change the background color of an element to Hex 273E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273E49 }
```

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

```
.background{ background-color:#273E49 }
```

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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