

Converting Colors

Hex(273E55)

Have a look what the booklet for
Hex(273E55) contains.

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Color

Hex(273E55)

Conversions

Conversions Part 1

Format	Color
Hex	273E55
RGB	39, 62, 85
RGB Percent	15%, 24%, 33%
CMY	0.8471, 0.7569, 0.6667
CMYK	0.54, 0.27, 0.00, 0.67
HSL	210°, 37%, 24%
HSV	210°, 54%, 33%
XYZ	4.1990, 4.5325, 9.2479
YIQ	57.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

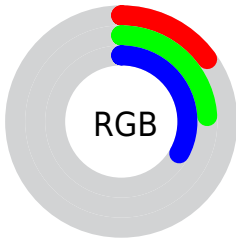
Format	Color
R_YB	39, 54, 85
Decimal	2571861
CIE Lab	25.36, -1.52, -16.61
CIE LCh	25, 16.674, 264.785
Yxy	4.5325, 0.2335, 0.2521
Android (android.graphics.Color)	4280761941 (0xFF273E55)
YUV	57.7450, 13.4367, -16.4394
Hunter-Lab	21.2896, -2.0506, -10.8520

Details

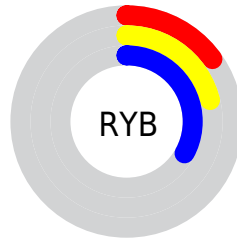
The Hex color **273E55** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **553E27**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **576D87**, and **001428** is the 20% darker color. If you saturate the color by 10%, you get **1E3A55**, and if you desaturate by 10%, it is **2F4255**.

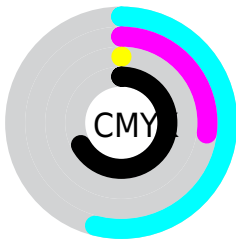
Distribution



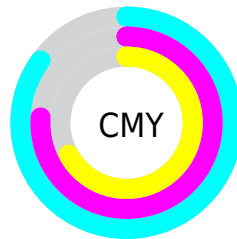
- Red (15%)
- Green (24%)
- Blue (33%)



- Red (15%)
- Yellow (21%)
- Blue (33%)



- Cyan (54%)
- Magenta (27%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273E55 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 273E55 by changing the saturation by 10% instead.

■ 273E55

■ 273E55

FFFFFF

■ 0E283E

■ 576D87

■ 001428

■ 7187A1

■ 000113

■ 8BA1BC

■ 000000

■ A5BCD8

■ C1D7F4

■ DDF4FF

■ FAAAAF

■ 273E55

■ 273E55

■ 1E3A55

■ 2F4255

■ 163555

■ 384655

■ 0D3155

■ 404B55

■ 052D55

■ 494F55

■ 002A55

■ 515355

■ 5A5755

■ 625C55

■ 6B6055

■ 736455

Harmonies

Analogous

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



144150



273E55



3B3A53

Triad

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



273E55



553332



2B412D

Complementary

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



273E55



553E27

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.



3A3F25



273E55



503628

Square

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



273E55



53333F



473B23



1C4339

Rectangle

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



273E55



46374E



473B23



30412A

Sweetspot

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



273E55



5C656E



27553E



2D3338



B8B8B8



383838

Same Dimension

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



273E55



264A6E



272755



27292B



00366B



0075EB

Inverse Universe

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



55273E



6E264A



555527



2B2729



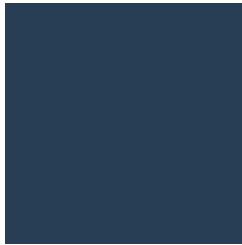
6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 273E55 looks on a white background.

Color Contrast Check

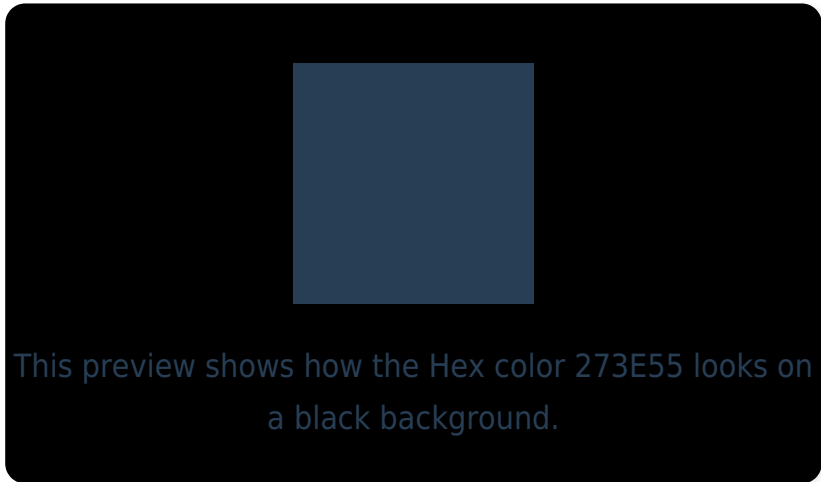
Large Text (above 18pt) WCAG AA ✓ Pass

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

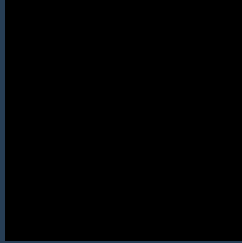
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

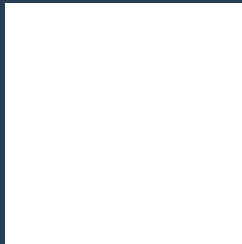
Any Text WCAG AAA × Fail

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

Hex 273E55 Background



This preview shows how black text looks on a background with the Hex color 273E55.



This preview shows how white text looks on a background with the Hex color 273E55.

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](#).

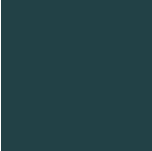
Dichromacy



Original Color
273E55

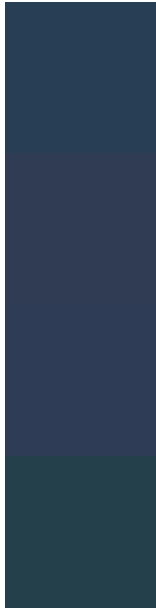
Protanopia
353B53

Deuteranopia
323B56



Tritanopia
224146

Trichromacy



Original Color
273E55

Protanomaly
303C54

Deuteranomaly
2E3C56

Tritanomaly
24404B

Monochromacy



Original Color
273E55

Achromatopsia
3A3A3A

Achromatomaly
333B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 273E55 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 #273E55 looks like.

```
.text, #text, p{  
    color:#273E55  
}
```

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 #273E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273E55
}
```

Border

The CSS property to change the border of an element to Hex 273E55 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
#273E55 }
```

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

```
.border{ border-color:#273E55 }
```

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

Here you see how a box with a 4 pixel #273E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273E55; -webkit-box-shadow:4px 4px  
4px 4px #273E55; box-shadow:4px 4px 4px  
4px #273E55 }
```

Background

The CSS property to change the background color of an element to Hex 273E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273E55 }
```

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

```
.background{ background-color:#273E55 }
```

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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