

Converting Colors

Hex(273F40)

Have a look what the booklet for
Hex(273F40) contains.

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Color

Hex(273F40)

Conversions

Conversions Part 1

Format	Color
Hex	273F40
RGB	39, 63, 64
RGB Percent	15%, 25%, 25%
CMY	0.8471, 0.7529, 0.7490
CMYK	0.39, 0.02, 0.00, 0.75
HSL	182°, 24%, 20%
HSV	182°, 39%, 25%
XYZ	3.5396, 4.3565, 5.5048
YIQ	55.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

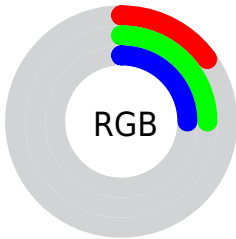
Format	Color
R_YB	39, 51, 64
Decimal	2572096
CIE Lab	24.82, -8.96, -3.58
CIE LCh	25, 9.651, 201.773
Yxy	4.3565, 0.2641, 0.3251
Android (android.graphics.Color)	4280762176 (0xFF273F40)
YUV	55.9380, 3.9746, -14.8546
Hunter-Lab	20.8723, -6.2556, -1.0265

Details

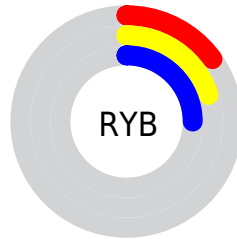
The Hex color **273F40** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **402827**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **556F70**, and **001516** is the 20% darker color. If you saturate the color by 10%, you get **213F40**, and if you desaturate by 10%, it is **2D3F40**.

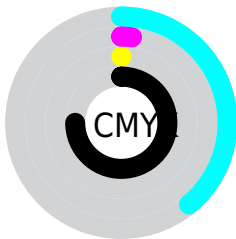
Distribution



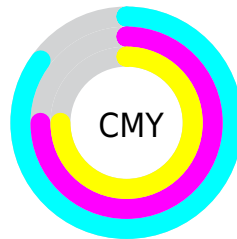
- Red (15%)
- Green (25%)
- Blue (25%)



- Red (15%)
- Yellow (20%)
- Blue (25%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273F40 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 273F40 by changing the saturation by 10% instead.

■ 273F40

■ 273F40

FFFFFF

■ 11292A

■ 556F70

■ 001516

■ 6E8889

■ 000000

■ 88A2A3

■ A2BDBE

■ BDD9DA

■ D9F6F7

■ F6FFFF

■ 273F40

■ 273F40

■ 213F40

■ 2D3F40

■ 1A3E40

■ 344040

■ 143E40

■ 3A4040

■ 0D3E40

■ 414040

■ 073E40

■ 474040

■ 013D40

■ 4D4140

■ 003D40

■ 544140

■ 5A4140

■ 614140

Harmonies

Analogous

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



2B3F39



273F40



293E46

Triad

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



273F40



423744



423A2D

Complementary

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



273F40



402827

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.



483730



273F40



48363D

Square

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



273F40



3A3A48



4A3636



3B3C2D

Rectangle

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



273F40



2D3D48



4A3636



45392D

Sweetspot

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



273F40



4A5454



274028



252B2B



ABABAB



2B2B2B

Same Dimension

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



273F40



2D5354



273340



1E2121



005D61



00D7E0

Inverse Universe

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



40273F



542D53



403427



211E21



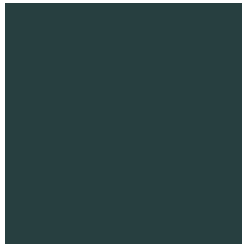
61005D



E000D7

Previews

White Background



This preview shows how the Hex color 273F40 looks on a white background.

Color Contrast Check

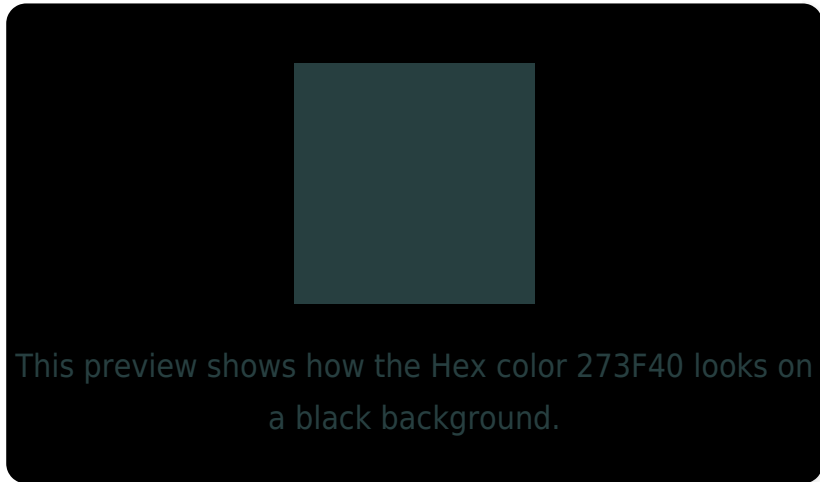
Large Text (above 18pt) WCAG AA ✓ Pass

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

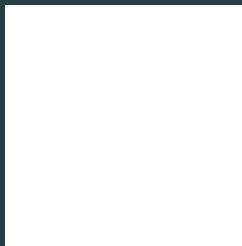
Any Text WCAG AAA × Fail

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

Hex 273F40 Background



This preview shows how black text looks on a background with the Hex color 273F40.



This preview shows how white text looks on a background with the Hex color 273F40.

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](#).

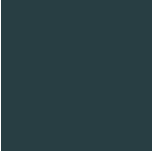
Dichromacy



Original Color
273F40

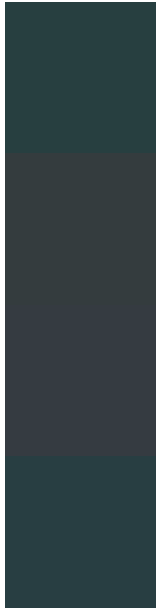
Protanopia
3B3A3D

Deuteranopia
3D3941



Tritanopia
283E43

Trichromacy



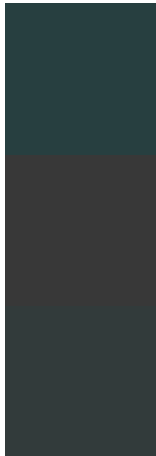
Original Color
273F40

Protanomaly
343C3E

Deuteranomaly
353B41

Tritanomaly
283E42

Monochromacy



Original Color
273F40

Achromatopsia
383838

Achromatomaly
323B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 273F40 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 #273F40 looks like.

```
.text, #text, p{  
    color:#273F40  
}
```

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 #273F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273F40
}
```

Border

The CSS property to change the border of an element to Hex 273F40 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
#273F40 }
```

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

```
.border{ border-color:#273F40 }
```

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

Here you see how a box with a 4 pixel #273F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273F40; -webkit-box-shadow:4px 4px  
4px 4px #273F40; box-shadow:4px 4px 4px  
4px #273F40 }
```

Background

The CSS property to change the background color of an element to Hex 273F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273F40 }
```

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

```
.background{ background-color:#273F40 }
```

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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