

Converting Colors

Hex(274340)

Have a look what the booklet for
Hex(274340) contains.

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Color

Hex(274340)

Conversions

Conversions Part 1

Format	Color
Hex	274340
RGB	39, 67, 64
RGB Percent	15%, 26%, 25%
CMY	0.8471, 0.7373, 0.7490
CMYK	0.42, 0.00, 0.04, 0.74
HSL	174°, 26%, 21%
HSV	174°, 42%, 26%
XYZ	3.7693, 4.8158, 5.5814
YIQ	58.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

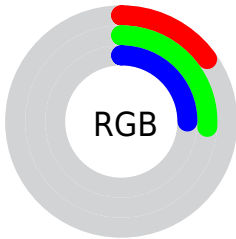
Format	Color
RYB	39, 54, 67
Decimal	2573120
CIELab	26.20, -11.40, -1.53
CIElCh	26, 11.506, 187.641
Yxy	4.8158, 0.2661, 0.3399
Android (android.graphics.Color)	4280763200 (0xFF274340)
YUV	58.2860, 2.8170, -16.9138
Hunter-Lab	21.9450, -7.7445, 0.2819

Details

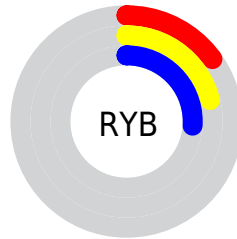
The Hex color **274340** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43272A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **567370**, and **001916** is the 20% darker color. If you saturate the color by 10%, you get **20433F**, and if you desaturate by 10%, it is **2E4341**.

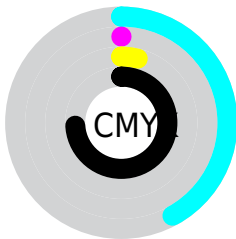
Distribution



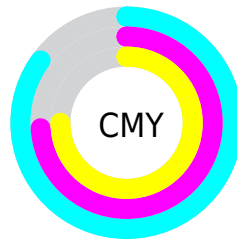
- Red (15%)
- Green (26%)
- Blue (25%)



- Red (15%)
- Yellow (21%)
- Blue (26%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (74%)



- Cyan (85%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274340 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 274340 by changing the saturation by 10% instead.

■ 274340

■ 274340

FFFFFF

■ 112D2A

■ 567370

■ 001916

■ 6F8D89

■ 000000

■ 88A7A3

■ A3C2BE

■ BEDEDA

■ DAFBF7

■ F7FFFF

■ 274340

■ 274340

■ 20433F

■ 2E4341

■ 1A433F

■ 344341

■ 13433E

■ 3B4342

■ 0C433D

■ 424343

■ 06433C

■ 494344

■ 00433C

■ 4F4344

■ 564345

■ 5D4346

■ 634346

Harmonies

Analogous

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



2F4237



274340



254248

Triad

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



274340



423B4C



4A3B2E

Complementary

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



274340



43272A

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.



4F3934



274340



4B3945

Square

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



274340



373E4F



50383C



423E2D

Rectangle

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



274340



28414C



50383C



4C3A30

Sweetspot

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



274340



4B5755



2A4327



242B2B



ABABAB



2B2B2B

Same Dimension

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



274340



2B5752



273843



1E2121



006157



00E0C8

Inverse Universe

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



43272A



572B30



433227



211E1E



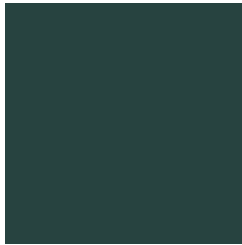
61000A



E00018

Previews

White Background



This preview shows how the Hex color 274340 looks on a white background.

Color Contrast Check

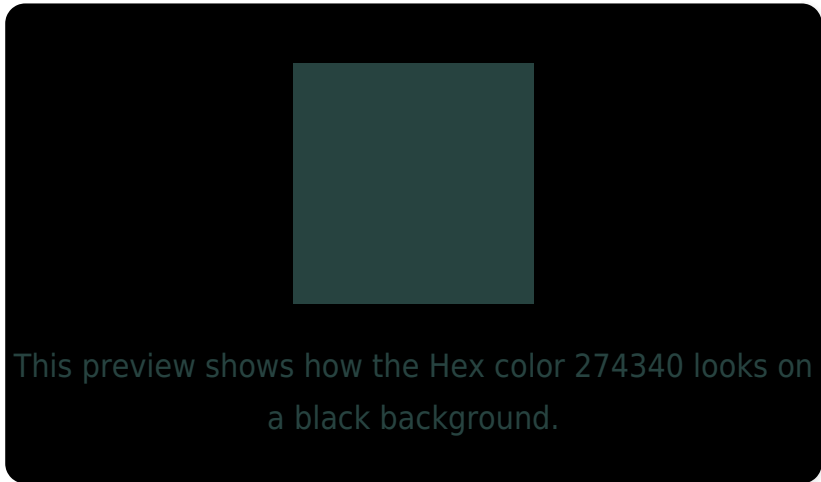
Large Text (above 18pt) WCAG AA ✓ Pass

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

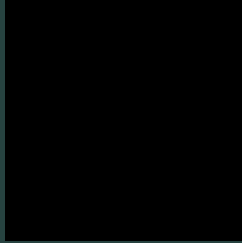
Any Text WCAG AA × Fail

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 274340 Background



This preview shows how black text looks on a background with the Hex color 274340.

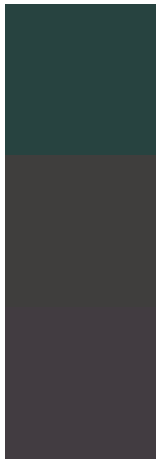


This preview shows how white text looks on a background with the Hex color 274340.

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
274340

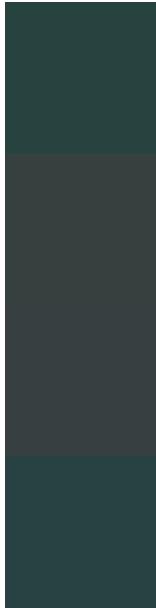
Protanopia
3F3E3D

Deuteranopia
423C41



Tritanopia
294247

Trichromacy



Original Color
274340

Protanomaly
36403E

Deuteranomaly
383F41

Tritanomaly
284244

Monochromacy



Original Color
274340

Achromatopsia
3A3A3A

Achromatomaly
333D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 274340 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 #274340 looks like.

```
.text, #text, p{  
    color:#274340  
}
```

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 #274340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274340
}
```

Border

The CSS property to change the border of an element to Hex 274340 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".

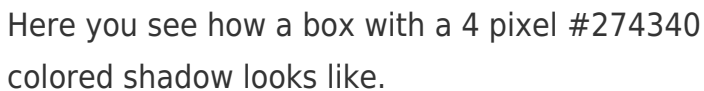
```
.border, #border, table{ border:4px solid
#274340 }
```

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

```
.border{ border-color:#274340 }
```

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

Here you see how a box with a 4 pixel #274340 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274340; -webkit-box-shadow:4px 4px  
4px 4px #274340; box-shadow:4px 4px 4px  
4px #274340 }
```

Background

The CSS property to change the background color of an element to Hex 274340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274340 }
```

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

```
.background{ background-color:#274340 }
```

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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