

Converting Colors

Hex(274F3F)

Have a look what the booklet for
Hex(274F3F) contains.

Hex(274F3F)	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(274F3F)

Conversions

Conversions Part 1

Format	Color
Hex	274F3F
RGB	39, 79, 63
RGB Percent	15%, 31%, 25%
CMY	0.8471, 0.6902, 0.7529
CMYK	0.51, 0.00, 0.20, 0.69
HSL	156°, 34%, 23%
HSV	156°, 51%, 31%
XYZ	4.5299, 6.3822, 5.6958
YIQ	65.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

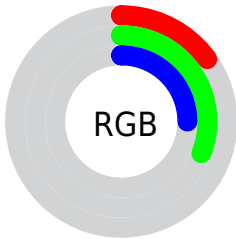
Format	Color
R_YB	39, 64, 79
Decimal	2576191
CIE Lab	30.36, -18.53, 5.13
CIE LCh	30, 19.229, 164.536
Yxy	6.3822, 0.2728, 0.3843
Android (android.graphics.Color)	4280766271 (0xFF274F3F)
YUV	65.2160, -1.0925, -22.9914
Hunter-Lab	25.2630, -12.2035, 4.3166

Details

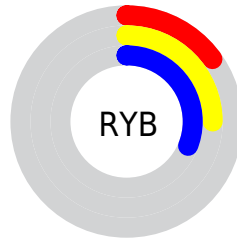
The Hex color **274F3F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F2737**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **57806F**, and **002215** is the 20% darker color. If you saturate the color by 10%, you get **1F4F3C**, and if you desaturate by 10%, it is **2F4F42**.

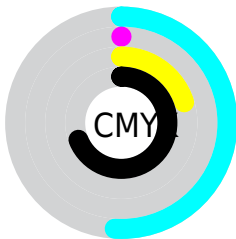
Distribution



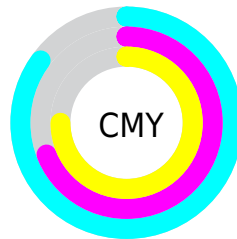
- Red (15%)
- Green (31%)
- Blue (25%)



- Red (15%)
- Yellow (25%)
- Blue (31%)



- Cyan (51%)
- Magenta (0%)
- Yellow (20%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274F3F 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 274F3F by changing the saturation by 10% instead.

■ 274F3F

■ 274F3F

FFFFFF

■ 0F3829

■ 57806F

■ 002215

■ 709B88

■ 000200

■ 8AB5A2

■ 000000

■ A5D1BD

■ C0EDD9

■ DCFFF5

■ F9FFFF

■ 274F3F

■ 274F3F

■ 1F4F3C

■ 2F4F42

■ 174F39

■ 374F45

■ 0F4F36

■ 3F4F48

■ 074F32

■ 474F4C

■ 004F2F

■ 4F4F4F

■ 564F52

■ 5E4F55

■ 664F58

■ 6E4F5B

Harmonies

Analogous

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



394D32



274F3F



14504E

Triad

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



274F3F



3E4664



623F33

Complementary

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



274F3F



4F2737

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.



653C41



274F3F



52415D

Square

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



274F3F



264B64



603D50



58442B

Rectangle

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



274F3F



0E4F58



603D50



643E37

Sweetspot

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



274F3F



576660



374F27



2A332F



B3B3B3



333333

Same Dimension

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



274F3F



28664D



274B4F



222625



00663D



00E68A

Inverse Universe

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



4F2737



662841



4F2B27



262224



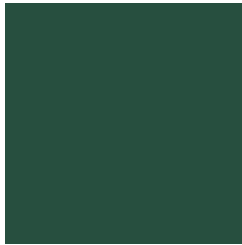
660029



E6005C

Previews

White Background



This preview shows how the Hex color 274F3F looks on a white background.

Color Contrast Check

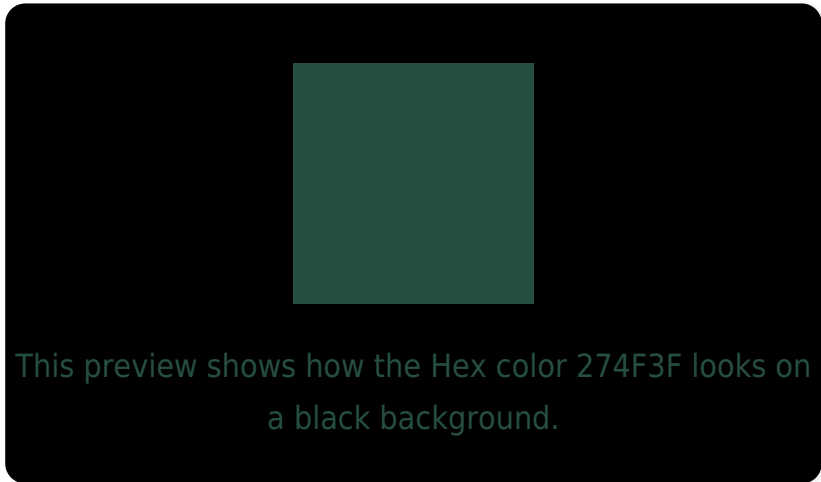
Large Text (above 18pt) WCAG AA ✓ Pass

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

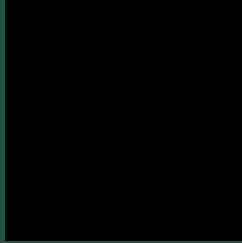
Any Text WCAG AA × Fail

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 274F3F Background



This preview shows how black text looks on a background with the Hex color 274F3F.



This preview shows how white text looks on a background with the Hex color 274F3F.

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](#).

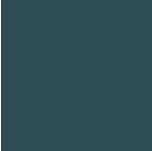
Dichromacy



Original Color
274F3F

Protanopia
4B473B

Deuteranopia
504541



Tritanopia
2D4C53

Trichromacy



Original Color
274F3F

Protanomaly
3E4A3C

Deuteranomaly
414940

Tritanomaly
2B4D4C

Monochromacy



Original Color
274F3F

Achromatopsia
414141

Achromatomaly
384640

CSS Examples

Text

The CSS property to change the color of the text to Hex 274F3F 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 #274F3F looks like.

```
.text, #text, p{  
    color:#274F3F  
}
```

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 #274F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274F3F
}
```

Border

The CSS property to change the border of an element to Hex 274F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

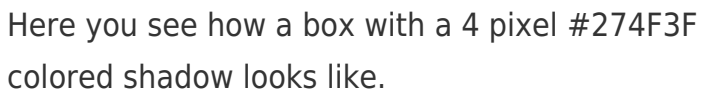
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#274F3F }
```

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

```
.border{ border-color:#274F3F }
```

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



Here you see how a box with a 4 pixel #274F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274F3F; -webkit-box-shadow:4px 4px  
4px 4px #274F3F; box-shadow:4px 4px 4px  
4px #274F3F }
```

Background

The CSS property to change the background color of an element to Hex 274F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274F3F }
```

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

```
.background{ background-color:#274F3F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor