

# Converting Colors

Hex(274A4F)

Have a look what the booklet for  
Hex(274A4F) contains.

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# Color

Hex(274A4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	274A4F
RGB	39, 74, 79
RGB Percent	15%, 29%, 31%
CMY	0.8471, 0.7098, 0.6902
CMYK	0.51, 0.06, 0.00, 0.69
HSL	188°, 34%, 23%
HSV	188°, 51%, 31%
XYZ	4.6968, 5.8934, 8.2871
YIQ	64.1050, -22.4650, -5.8650

# Conversions

## Conversions Part 2

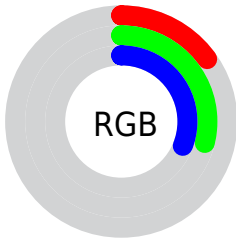
Format	Color
<b>RYB</b>	39, 58, 79
Decimal	2574927
CIELab	29.14, -11.10, -6.93
CIELCh	29, 13.081, 211.972
Yxy	5.8934, 0.2488, 0.3122
Android (android.graphics.Color)	4280765007 (0xFF274A4F)
YUV	64.1050, 7.3432, -22.0171
Hunter-Lab	24.2763, -7.9491, -3.2462




# Details

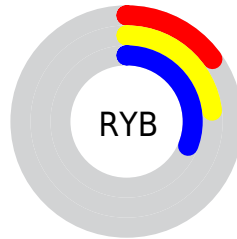
The Hex color **274A4F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4F2C27**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **577B80**, and **001E23** is the 20% darker color. If you saturate the color by 10%, you get **1F494F**, and if you desaturate by 10%, it is **2F4B4F**.

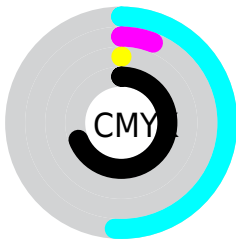
# Distribution







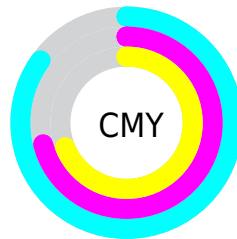
-  Red (15%)
-  Green (29%)
-  Blue (31%)






-  Red (15%)
-  Yellow (23%)
-  Blue (31%)



-  Cyan (51%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 274A4F 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 274A4F by changing the saturation by 10% instead.



■ 274A4F

■ 274A4F

FFFFFF

■ 0E3338

■ 577B80

■ 001E23

■ 71959A

■ 00010D

■ 8BAFB5

■ 000000

■ A5CBD0

■ C1E7ED

■ DDFFFF

■ FAFFFF

■ 274A4F

■ 274A4F

■ 1F494F

■ 2F4B4F

■ 17484F

■ 374C4F

■ 0F474F

■ 3F4D4F

■ 07464F

■ 474E4F

■ 00454F

■ 4F4F4F

■ 56504F

■ 5E514F

■ 66524F

■ 6E534F

# Harmonies

## Analogous

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



2B4A45



274A4F



2D4856

# Triad

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



274A4F



523F4E



4B4431

# Complementary

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



274A4F



4F2C27

# 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.



544133



274A4F



583D44

# Square

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



274A4F



474256



593E3A



404733

# Rectangle

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



274A4F



354658



593E3A



4F4331



# Sweetspot

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



274A4F



576466



274F2C



2A3233



B3B3B3



333333



# Same Dimension

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



274A4F



285E66



27364F



222626



005966



00C9E6



# Inverse Universe

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



4F274A



66285E



4F4027



262226



660059

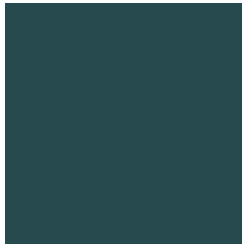


E600C9



# Previews

## White Background



This preview shows how the Hex color 274A4F looks on a white background.

## Color Contrast Check

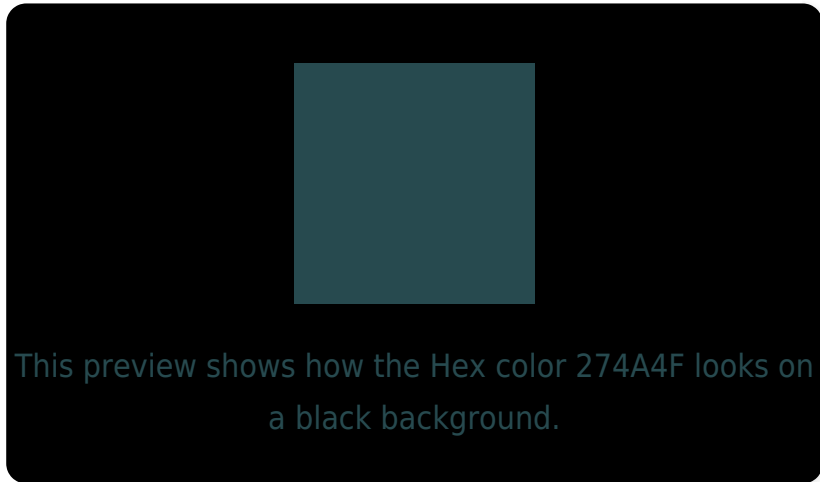
Large Text (above 18pt) WCAG AA ✓ Pass

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

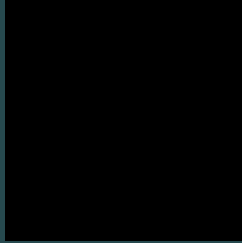
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 274A4F Background



This preview shows how black text looks on a background with the Hex color 274A4F.



This preview shows how white text looks on a background with the Hex color 274A4F.

# 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](#).

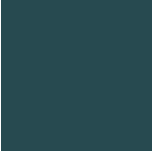
## Dichromacy



**Original Color**  
274A4F

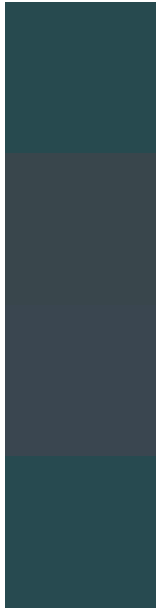
**Protanopia**  
44444B

**Deuteranopia**  
454351



**Tritanopia**  
274A50

# Trichromacy



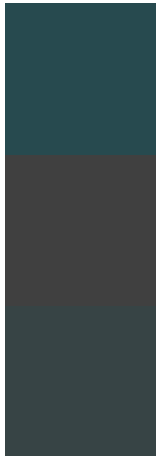
**Original Color**  
274A4F

**Protanomaly**  
39464C

**Deuteranomaly**  
3A4650

**Tritanomaly**  
274A50

# Monochromacy



**Original Color**  
274A4F

**Achromatopsia**  
404040

**Achromatomaly**  
374445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 274A4F 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 #274A4F looks like.

```
.text, #text, p{  
    color:#274A4F  
}
```

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 #274A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274A4F
}
```

## Border

The CSS property to change the border of an element to Hex 274A4F 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".

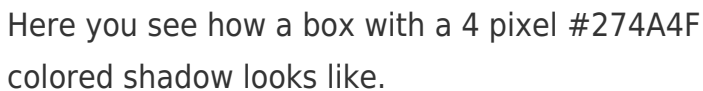
```
.border, #border, table{ border:4px solid
#274A4F }
```

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

```
.border{ border-color:#274A4F }
```

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

Here you see how a box with a 4 pixel #274A4F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274A4F; -webkit-box-shadow:4px 4px  
4px 4px #274A4F; box-shadow:4px 4px 4px  
4px #274A4F }
```

# Background

The CSS property to change the background color of an element to Hex 274A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274A4F }
```

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

```
.background{ background-color:#274A4F }
```

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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