

Converting Colors

Hex(274A61)

Have a look what the booklet for
Hex(274A61) contains.

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Color

Hex(274A61)

Conversions

Conversions Part 1

Format	Color
Hex	274A61
RGB	39, 74, 97
RGB Percent	15%, 29%, 38%
CMY	0.8471, 0.7098, 0.6196
CMYK	0.60, 0.24, 0.00, 0.62
HSL	204°, 43%, 27%
HSV	204°, 60%, 38%
XYZ	5.4431, 6.1920, 12.2175
YIQ	66.1570, -28.2430, -0.2670

Conversions

Conversions Part 2

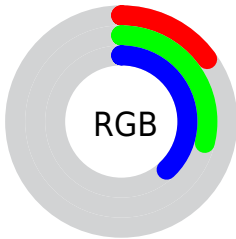
Format	Color
RYB	39, 61, 97
Decimal	2574945
CIELab	29.89, -5.08, -17.34
CIELCh	30, 18.071, 253.664
Yxy	6.1920, 0.2282, 0.2596
Android (android.graphics.Color)	4280765025 (0xFF274A61)
YUV	66.1570, 15.2056, -23.8167
Hunter-Lab	24.8837, -4.5006, -11.6921

Details

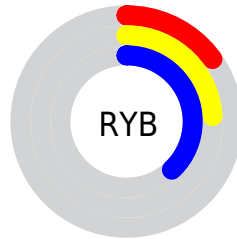
The Hex color **274A61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613E27**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **597B94**, and **001E33** is the 20% darker color. If you saturate the color by 10%, you get **1D4661**, and if you desaturate by 10%, it is **314E61**.

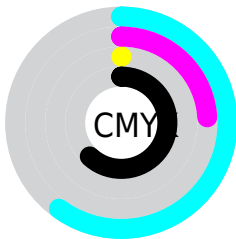
Distribution



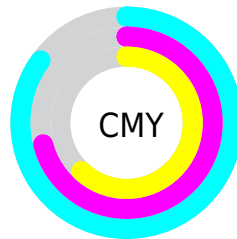
- Red (15%)
- Green (29%)
- Blue (38%)



- Red (15%)
- Yellow (24%)
- Blue (38%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (62%)



- Cyan (85%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274A61 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 274A61 by changing the saturation by 10% instead.

■ 274A61

■ 274A61

FFFFFF

■ 0B3349

■ 597B94

■ 001E33

■ 7394AE

■ 00021E

■ 8DAFCA

■ 000000

■ A9CAE6

■ C4E6FF

■ E1FFFF

■ FEFFFF

■ 274A61

■ 274A61

■ 1D4661

■ 314E61

■ 144261

■ 3A5261

■ 0A3E61

■ 445661

■ 003B61

■ 4E5961

■ 585D61

■ 616161

■ 6B6561

■ 756961

■ 7E6D61

Harmonies

Analogous

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



164D59



274A61



3D4662

Triad

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



274A61



623C40



3A4B32

Complementary

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



274A61



613E27

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.



4A482B



274A61



603E34

Square

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



274A61



5D3D4F



57432C



294D3E

Rectangle

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



274A61



4A425E



57432C



3F4A2F

Sweetspot

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



274A61



66747D



27613D



323A40



BFBFBF



404040

Same Dimension

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



274A61



23597D



272E61



2C2F30



004470



0091F0

Inverse Universe

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



61274A



7D2359



615A27



302C2F



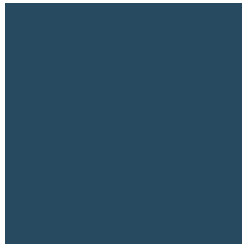
700044



F00091

Previews

White Background



This preview shows how the Hex color 274A61 looks on a white background.

Color Contrast Check

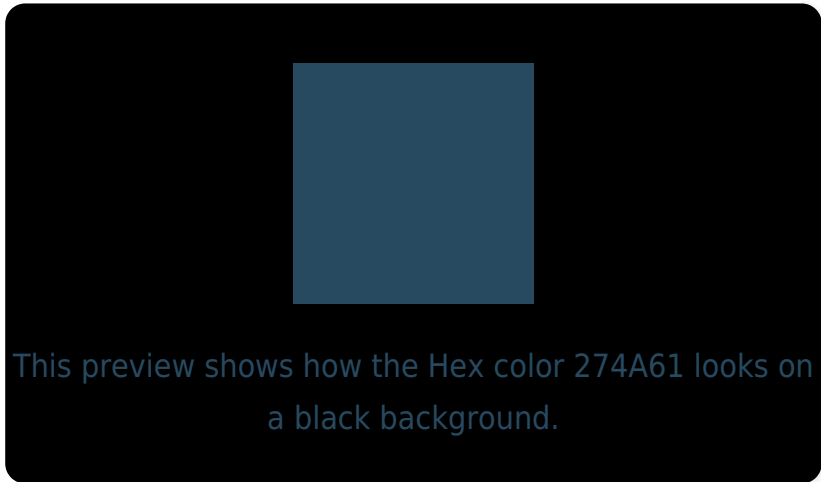
Large Text (above 18pt) WCAG AA ✓ Pass

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

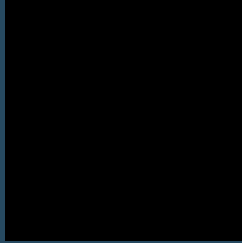
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

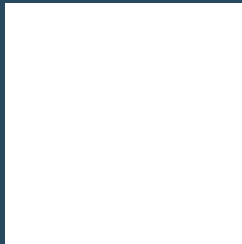
Any Text WCAG AAA × Fail

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

Hex 274A61 Background



This preview shows how black text looks on a background with the Hex color 274A61.

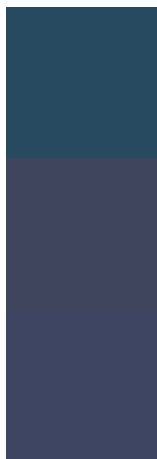


This preview shows how white text looks on a background with the Hex color 274A61.

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
274A61

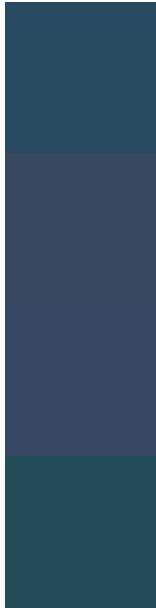
Protanopia
3F455D

Deuteranopia
3D4562



Tritanopia
214D53

Trichromacy



Original Color
274A61

Protanomaly
36475E

Deuteranomaly
354762

Tritanomaly
234C58

Monochromacy



Original Color
274A61

Achromatopsia
424242

Achromatomaly
38454D

CSS Examples

Text

The CSS property to change the color of the text to Hex 274A61 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 #274A61 looks like.

```
.text, #text, p{  
    color:#274A61  
}
```

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 #274A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274A61
}
```

Border

The CSS property to change the border of an element to Hex 274A61 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
#274A61 }
```

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

```
.border{ border-color:#274A61 }
```

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

Here you see how a box with a 4 pixel #274A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274A61; -webkit-box-shadow:4px 4px  
4px 4px #274A61; box-shadow:4px 4px 4px  
4px #274A61 }
```

Background

The CSS property to change the background color of an element to Hex 274A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274A61 }
```

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

```
.background{ background-color:#274A61 }
```

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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