

Converting Colors

Hex(274D6E)

Have a look what the booklet for
Hex(274D6E) contains.

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Color

Hex(274D6E)

Conversions

Conversions Part 1

Format	Color
Hex	274D6E
RGB	39, 77, 110
RGB Percent	15%, 30%, 43%
CMY	0.8471, 0.6980, 0.5686
CMYK	0.65, 0.30, 0.00, 0.57
HSL	208°, 48%, 29%
HSV	208°, 65%, 43%
XYZ	6.3051, 6.8649, 15.7446
YIQ	69.4000, -33.2410, 2.2070

Conversions

Conversions Part 2

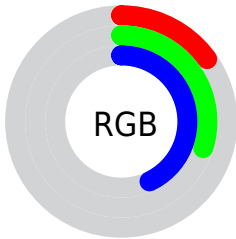
Format	Color
R_{YB}	39, 64, 110
Decimal	2575726
CIE _{Lab}	31.50, -2.33, -23.08
CIE _{LCh}	31, 23.200, 264.248
Yxy	6.8649, 0.2181, 0.2374
Android (android.graphics.Color)	4280765806 (0xFF274D6E)
YUV	69.4000, 20.0158, -26.6608
Hunter-Lab	26.2009, -2.8969, -17.2878

Details

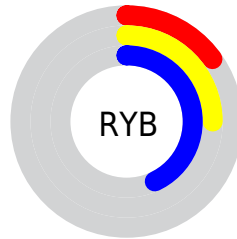
The Hex color **274D6E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6E4827**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5B7EA2**, and **00213E** is the 20% darker color. If you saturate the color by 10%, you get **1C486E**, and if you desaturate by 10%, it is **32526E**.

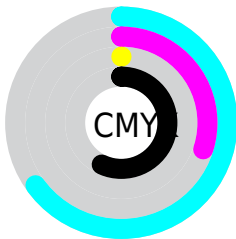
Distribution



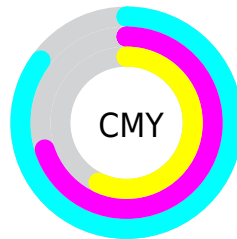
- Red (15%)
- Green (30%)
- Blue (43%)



- Red (15%)
- Yellow (25%)
- Blue (43%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)
- Black (57%)



- Cyan (85%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274D6E 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 274D6E by changing the saturation by 10% instead.

■ 274D6E

■ 274D6E

FFFFFF

■ 063656

■ 5B7EA2

■ 00213E

■ 7698BD

■ 000A28

■ 90B2D9

■ 000112

■ ACCEF5

■ 000000

■ C8EAF5

■ E4FFFF

■ 274D6E

■ 274D6E

■ 1C486E

■ 32526E

■ 11436E

■ 3D576E

■ 063E6E

■ 485C6E

■ 003B6E

■ 53616E

■ 5E676E

■ 696C6E

■ 74716E

■ 7F766E

■ 8A7B6E

Harmonies

Analogous

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



005167



274D6E



47476B

Triad

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



274D6E



6D3D3C



315134

Complementary

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



274D6E



6E4827

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.



474E28



274D6E



66412D

Square

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



274D6E



6A3C4E



594826



165346

Rectangle

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



274D6E



574264



594826



39502F

Sweetspot

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



274D6E



74828F



276E47



374047



C7C7C7



474747

Same Dimension

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



274D6E



215C8F



272B6E



323538



004078



0084F7

Inverse Universe

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



6E274D



8F215C



6E6A27



383235



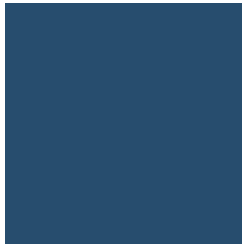
780040



F70084

Previews

White Background



This preview shows how the Hex color 274D6E looks on a white background.

Color Contrast Check

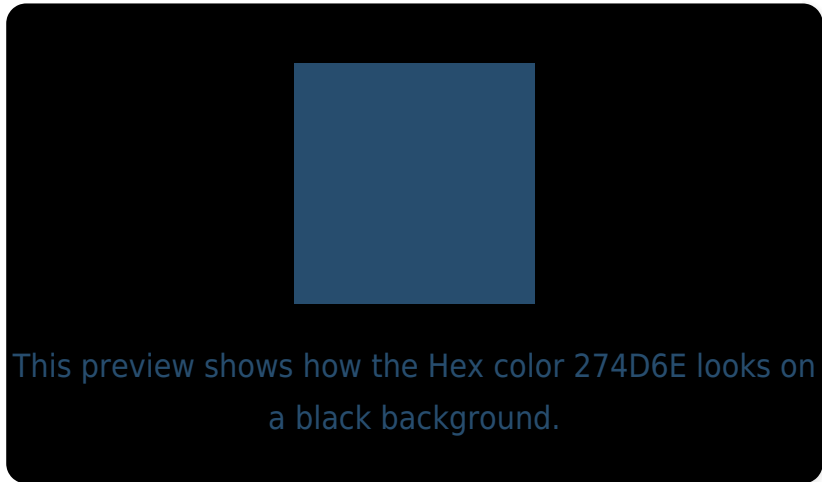
Large Text (above 18pt) WCAG AA ✓ Pass

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

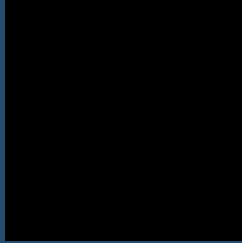
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

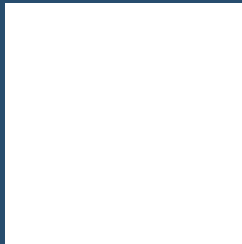
Any Text WCAG AAA × Fail

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

Hex 274D6E Background



This preview shows how black text looks on a background with the Hex color 274D6E.

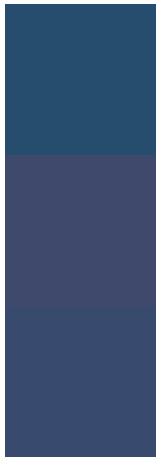


This preview shows how white text looks on a background with the Hex color 274D6E.

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](#).

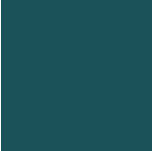
Dichromacy



Original Color
274D6E

Protanopia
3F496B

Deuteranopia
394A6F



Tritanopia
1B5158

Trichromacy



Original Color
274D6E

Protanomaly
364A6C

Deuteranomaly
324B6F

Tritanomaly
1F5060

Monochromacy



Original Color
274D6E

Achromatopsia
454545

Achromatomaly
3A4854

CSS Examples

Text

The CSS property to change the color of the text to Hex 274D6E 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 #274D6E looks like.

```
.text, #text, p{  
    color:#274D6E  
}
```

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 #274D6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274D6E
}
```

Border

The CSS property to change the border of an element to Hex 274D6E 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
#274D6E }
```

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

```
.border{ border-color:#274D6E }
```

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

Here you see how a box with a 4 pixel #274D6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274D6E; -webkit-box-shadow:4px 4px  
4px 4px #274D6E; box-shadow:4px 4px 4px  
4px #274D6E }
```

Background

The CSS property to change the background color of an element to Hex 274D6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274D6E }
```

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

```
.background{ background-color:#274D6E }
```

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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