

Converting Colors

Hex(274C4E)

Have a look what the booklet for
Hex(274C4E) contains.

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Color

Hex(274C4E)

Conversions

Conversions Part 1

Format	Color
Hex	274C4E
RGB	39, 76, 78
RGB Percent	15%, 30%, 31%
CMY	0.8471, 0.7020, 0.6941
CMYK	0.50, 0.03, 0.00, 0.69
HSL	183°, 33%, 23%
HSV	183°, 50%, 31%
XYZ	4.7963, 6.1503, 8.1421
YIQ	65.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

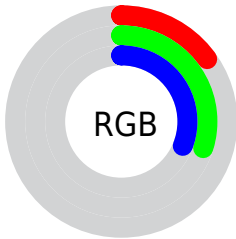
Format	Color
RYB	39, 58, 78
Decimal	2575438
CIELab	29.79, -12.60, -5.31
CIELCh	30, 13.672, 202.874
Yxy	6.1503, 0.2513, 0.3222
Android (android.graphics.Color)	4280765518 (0xFF274C4E)
YUV	65.1650, 6.3277, -22.9467
Hunter-Lab	24.7998, -8.8775, -2.1058

Details

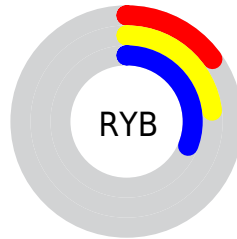
The Hex color **274C4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E2927**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **577D7F**, and **002022** is the 20% darker color. If you saturate the color by 10%, you get **1F4C4E**, and if you desaturate by 10%, it is **2F4C4E**.

Distribution



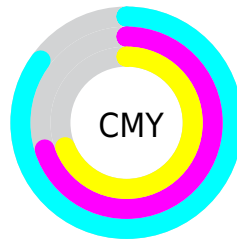
- Red (15%)
- Green (30%)
- Blue (31%)



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



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (69%)



- Cyan (85%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274C4E 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 274C4E by changing the saturation by 10% instead.

■ 274C4E

■ 274C4E

FFFFFF

■ 0E3537

■ 577D7F

■ 002022

■ 719799

■ 00000C

■ 8BB2B4

■ 000000

■ A5CDCF

■ C1E9EB

■ DDFFFF

■ FAFFFF

■ 274C4E

■ 274C4E

■ 1F4C4E

■ 2F4C4E

■ 174B4E

■ 374D4E

■ 104B4E

■ 3E4D4E

■ 084A4E

■ 464E4E

■ 004A4E

■ 4E4E4E

■ 564E4E

■ 5E4F4E

■ 654F4E

■ 6D504E

Harmonies

Analogous

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



2E4C43



274C4E



2A4B57

Triad

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



274C4E



514153



504531

Complementary

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



274C4E



4E2927

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.



584136



274C4E



5A3F49

Square

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



274C4E



44445A



5C3F3E



454832

Rectangle

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



274C4E



31495A



5C3F3E



534332

Sweetspot

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



274C4E



576566



274E29



2A3333



B3B3B3



333333

Same Dimension

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



274C4E



296366



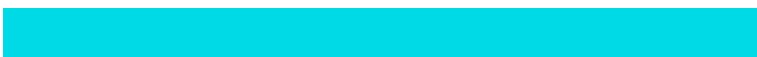
27394E



222626



006166



00DAE6

Inverse Universe

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



4E274C



662963



4E3C27



262226



660061



E600DA

Previews

White Background



This preview shows how the Hex color 274C4E looks on a white background.

Color Contrast Check

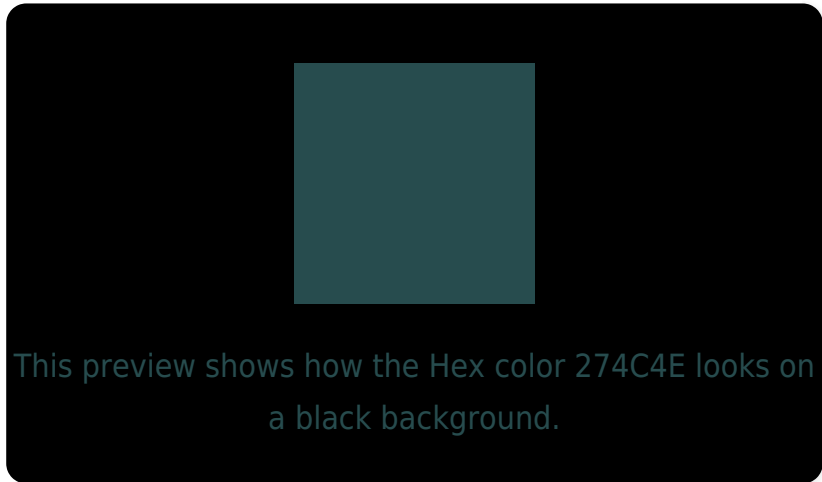
Large Text (above 18pt) WCAG AA ✓ Pass

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

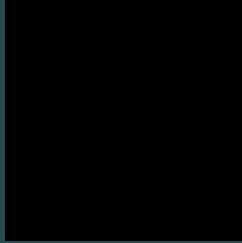
Any Text WCAG AA × Fail

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 274C4E Background



This preview shows how black text looks on a background with the Hex color 274C4E.



This preview shows how white text looks on a background with the Hex color 274C4E.

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
274C4E

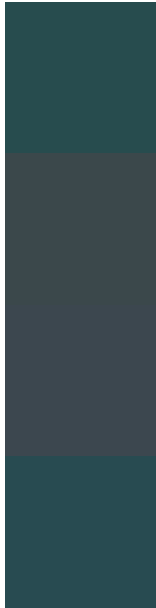
Protanopia
46464A

Deuteranopia
484450



Tritanopia
284B52

Trichromacy



Original Color
274C4E

Protanomaly
3B484B

Deuteranomaly
3C474F

Tritanomaly
284B51

Monochromacy



Original Color
274C4E

Achromatopsia
414141

Achromatomaly
384546

CSS Examples

Text

The CSS property to change the color of the text to Hex 274C4E 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 #274C4E looks like.

```
.text, #text, p{  
    color:#274C4E  
}
```

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 #274C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274C4E
}
```

Border

The CSS property to change the border of an element to Hex 274C4E 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".

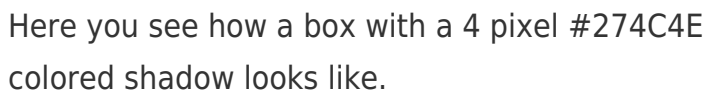
```
.border, #border, table{ border:4px solid
#274C4E }
```

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

```
.border{ border-color:#274C4E }
```

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

Here you see how a box with a 4 pixel #274C4E 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 #274C4E; -webkit-box-shadow:4px 4px  
4px 4px #274C4E; box-shadow:4px 4px 4px  
4px #274C4E }
```

Background

The CSS property to change the background color of an element to Hex 274C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274C4E }
```

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

```
.background{ background-color:#274C4E }
```

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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