

Converting Colors

Hex(274E57)

Have a look what the booklet for
Hex(274E57) contains.

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Color

Hex(274E57)

Conversions

Conversions Part 1

Format	Color
Hex	274E57
RGB	39, 78, 87
RGB Percent	15%, 31%, 34%
CMY	0.8471, 0.6941, 0.6588
CMYK	0.55, 0.10, 0.00, 0.66
HSL	191°, 38%, 25%
HSV	191°, 55%, 34%
XYZ	5.2814, 6.5682, 10.0063
YIQ	67.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

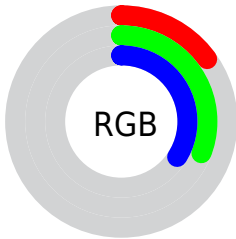
Format	Color
R_{YB}	39, 61, 87
Decimal	2575959
CIE _{Lab}	30.80, -10.94, -9.56
CIE _{LCh}	31, 14.528, 221.148
Yxy	6.5682, 0.2416, 0.3005
Android (android.graphics.Color)	4280766039 (0xFF274E57)
YUV	67.3650, 9.6801, -24.8761
Hunter-Lab	25.6286, -8.0657, -5.2088

Details

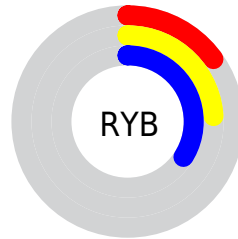
The Hex color **274E57** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **573027**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **587F89**, and **00222A** is the 20% darker color. If you saturate the color by 10%, you get **1E4C57**, and if you desaturate by 10%, it is **305057**.

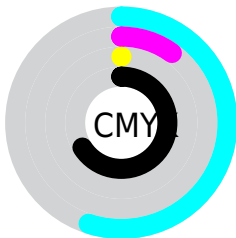
Distribution



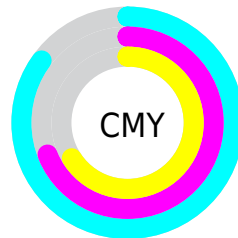
- Red (15%)
- Green (31%)
- Blue (34%)



- Red (15%)
- Yellow (24%)
- Blue (34%)



- Cyan (55%)
- Magenta (10%)
- Yellow (0%)
- Black (66%)



- Cyan (85%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274E57 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 274E57 by changing the saturation by 10% instead.

■ 274E57

■ 274E57

FFFFFF

■ 0D3740

■ 587F89

■ 00222A

■ 7299A3

■ 000716

■ 8CB4BE

■ 000000

■ A7CFDA

■ C3ECF6

■ DFFFFFF

■ FFFFFFF

■ 274E57

■ 274E57

■ 1E4C57

■ 305057

■ 164B57

■ 385157

■ 0D4957

■ 415357

■ 044757

■ 4A5557

■ 004757

■ 535657

■ 5B5857

■ 645957

■ 6D5B57

■ 755D57

Harmonies

Analogous

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



294F4C



274E57



314C5E

Triad

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



274E57



5A4150



4C4932

Complementary

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



274E57



573027

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.



574533



274E57



5F4045

Square

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



274E57



50445A



5E423A



404C37

Rectangle

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



274E57



3B495F



5E423A



504832

Sweetspot

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



274E57



5D6D70



275730



2D3638



B8B8B8



383838

Same Dimension

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



274E57



266270



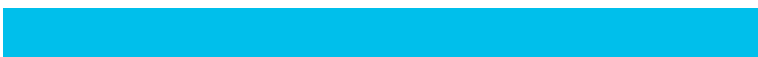
273657



272B2B



00576B



00BFEB

Inverse Universe

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



57274E



702662



574827



2B272B



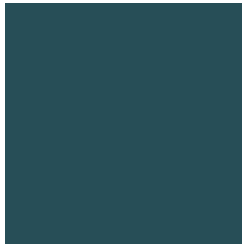
6B0057



EB00BF

Previews

White Background



This preview shows how the Hex color 274E57 looks on a white background.

Color Contrast Check

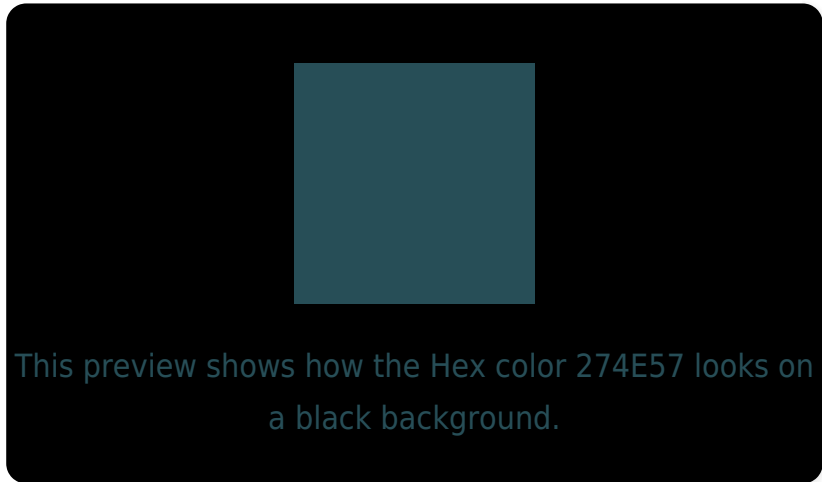
Large Text (above 18pt) WCAG AA ✓ Pass

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

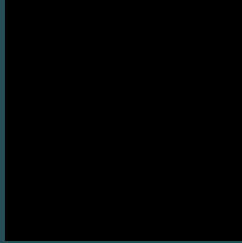
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

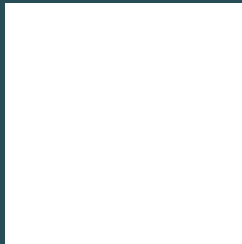
Any Text WCAG AAA × Fail

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

Hex 274E57 Background



This preview shows how black text looks on a background with the Hex color 274E57.



This preview shows how white text looks on a background with the Hex color 274E57.

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](#).

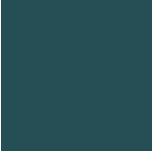
Dichromacy



Original Color
274E57

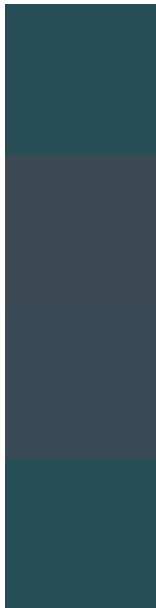
Protanopia
464853

Deuteranopia
474759



Tritanopia
264E55

Trichromacy



Original Color
274E57

Protanomaly
3B4A54

Deuteranomaly
3B4A58

Tritanomaly
264E56

Monochromacy



Original Color
274E57

Achromatopsia
434343

Achromatomaly
39474A

CSS Examples

Text

The CSS property to change the color of the text to Hex 274E57 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 #274E57 looks like.

```
.text, #text, p{  
    color:#274E57  
}
```

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 #274E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274E57
}
```

Border

The CSS property to change the border of an element to Hex 274E57 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".

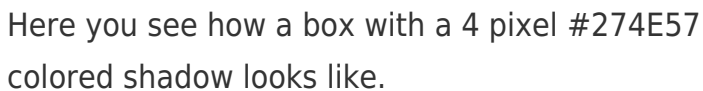
```
.border, #border, table{ border:4px solid
#274E57 }
```

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

```
.border{ border-color:#274E57 }
```

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

Here you see how a box with a 4 pixel #274E57 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 #274E57; -webkit-box-shadow:4px 4px  
4px 4px #274E57; box-shadow:4px 4px 4px  
4px #274E57 }
```

Background

The CSS property to change the background color of an element to Hex 274E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274E57 }
```

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

```
.background{ background-color:#274E57 }
```

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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