

Converting Colors

Hex(274B42)

Have a look what the booklet for
Hex(274B42) contains.

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Color

Hex(274B42)

Conversions

Conversions Part 1

Format	Color
Hex	274B42
RGB	39, 75, 66
RGB Percent	15%, 29%, 26%
CMY	0.8471, 0.7059, 0.7412
CMYK	0.48, 0.00, 0.12, 0.71
HSL	165°, 32%, 22%
HSV	165°, 48%, 29%
XYZ	4.3361, 5.8568, 6.0562
YIQ	63.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

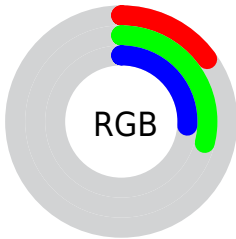
Format	Color
R_{YB}	39, 60, 75
Decimal	2575170
CIE _{Lab}	29.05, -15.51, 1.33
CIE _{LCh}	29, 15.571, 175.118
Yxy	5.8568, 0.2669, 0.3604
Android (android.graphics.Color)	4280765250 (0xFF274B42)
YUV	63.2100, 1.3755, -21.2322
Hunter-Lab	24.2009, -10.3692, 2.1035

Details

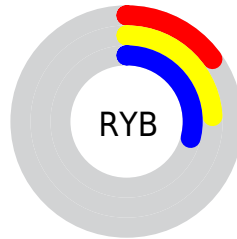
The Hex color **274B42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2730**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **577C72**, and **001F17** is the 20% darker color. If you saturate the color by 10%, you get **204B40**, and if you desaturate by 10%, it is **2F4B44**.

Distribution



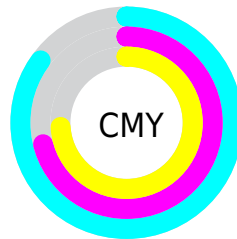
- Red (15%)
- Green (29%)
- Blue (26%)



- Red (15%)
- Yellow (24%)
- Blue (29%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (71%)



- Cyan (85%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 274B42 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 274B42 by changing the saturation by 10% instead.

 274B42


 274B42

FFFFFF

 0F342C

 577C72

 001F17

 70968B

 000000

 8AB1A6

 A4CCC1

 C0E8DD

 DCFFF9

 F8FFFF

 274B42

 274B42

■ 204B40

■ 2F4B44

■ 184B3E

■ 364B46

■ 104B3C

■ 3E4B48

■ 094B3B

■ 454B4A

■ 024B39

■ 4D4B4B

■ 004B38

■ 544B4D

■ 5C4B4F

■ 634B51

■ 6B4B53

Harmonies

Analogous

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



354A36



274B42



1E4B4E

Triad

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



274B42



44425A



583F31

Complementary

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



274B42



4B2730

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.



5C3C3B



274B42



523E52

Square

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



274B42



32465C



5B3C47



4F432D

Rectangle

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



274B42



204A55



5B3C47



5A3E34

Sweetspot

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



274B42



53615E



304B27



28302E



B0B0B0



303030

Same Dimension

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



274B42



296153



27424B



222625



00664D



00E6AC

Inverse Universe

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



4B2730



612937



4B3027



262223



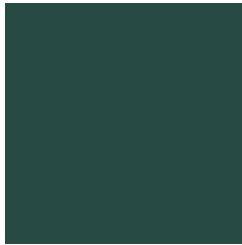
66001A



E60039

Previews

White Background



This preview shows how the Hex color 274B42 looks on a white background.

Color Contrast Check

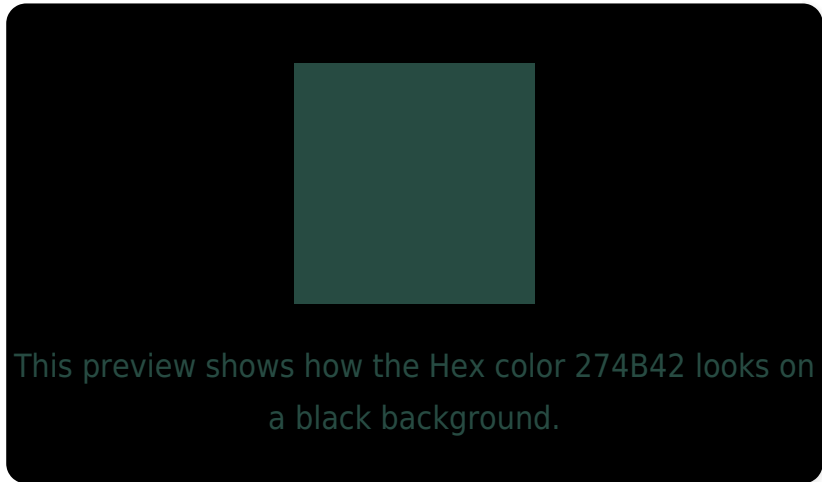
Large Text (above 18pt) WCAG AA ✓ Pass

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

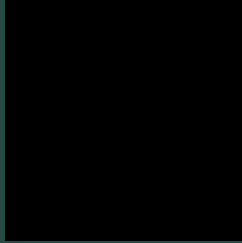
Any Text WCAG AA × Fail

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 274B42 Background



This preview shows how black text looks on a background with the Hex color 274B42.



This preview shows how white text looks on a background with the Hex color 274B42.

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](#).

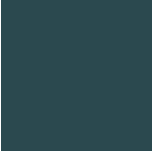
Dichromacy



Original Color
274B42

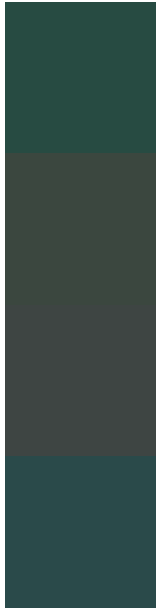
Protanopia
47443E

Deuteranopia
4B4244



Tritanopia
2B494F

Trichromacy



Original Color
274B42

Protanomaly
3B473F

Deuteranomaly
3E4543

Tritanomaly
2A4A4A

Monochromacy



Original Color
274B42

Achromatopsia
3F3F3F

Achromatomaly
364340

CSS Examples

Text

The CSS property to change the color of the text to Hex 274B42 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 #274B42 looks like.

```
.text, #text, p{  
    color:#274B42  
}
```

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 #274B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274B42
}
```

Border

The CSS property to change the border of an element to Hex 274B42 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".

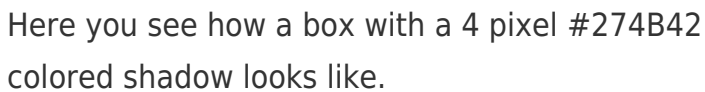
```
.border, #border, table{ border:4px solid
#274B42 }
```

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

```
.border{ border-color:#274B42 }
```

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

Here you see how a box with a 4 pixel #274B42 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274B42; -webkit-box-shadow:4px 4px  
4px 4px #274B42; box-shadow:4px 4px 4px  
4px #274B42 }
```

Background

The CSS property to change the background color of an element to Hex 274B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274B42 }
```

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

```
.background{ background-color:#274B42 }
```

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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