

# Converting Colors

Hex(274D38)

Have a look what the booklet for  
Hex(274D38) contains.

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**Color**

**Hex(274D38)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 274D38                      |
| RGB           | 39, 77, 56                  |
| RGB Percent   | 15%, 30%, 22%               |
| CMY           | 0.8471, 0.6980, 0.7804      |
| CMYK          | 0.49, 0.00, 0.27, 0.70      |
| HSL           | 147°, 33%, 23%              |
| HSV           | 147°, 49%, 30%              |
| XYZ           | 4.2044, 6.0246, 4.6827      |
| YIQ           | 63.2440, -15.9070, -14.5870 |

# Conversions

## Conversions Part 2

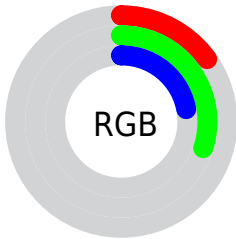
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">39, 65, 77</a>                     |
| Decimal                             | <a href="#">2575672</a>                        |
| CIELab                              | <a href="#">29.47, -19.18, 8.33</a>            |
| CIELCh                              | <a href="#">29, 20.912, 156.517</a>            |
| Yxy                                 | <a href="#">6.0246, 0.2820,<br/>0.4040</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4280765752<br/>(0xFF274D38)</a>    |
| YUV                                 | <a href="#">63.2440, -3.5713,<br/>-21.2620</a> |
| Hunter-Lab                          | <a href="#">24.5451, -12.3782,<br/>5.8704</a>  |

# Details

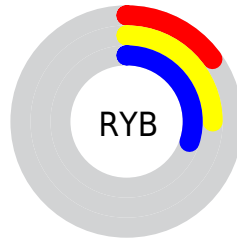
The Hex color **274D38** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D273C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **577E67**, and **00210D** is the 20% darker color. If you saturate the color by 10%, you get **1F4D34**, and if you desaturate by 10%, it is **2F4D3C**.

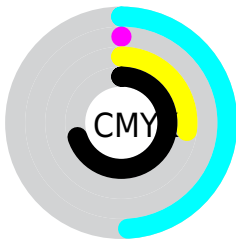
# Distribution



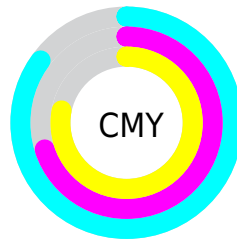
- Red (15%)
- Green (30%)
- Blue (22%)



- Red (15%)
- Yellow (25%)
- Blue (30%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (70%)



- Cyan (85%)
- Magenta (70%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 274D38 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 274D38 by changing the saturation by 10% instead.



 274D38

 274D38

FFFFFF

 0F3622

 577E67

 00210D

 709880

 000000

 8AB39A

 A4CFB5

 C0EBD0

 DCF FED

 F8FFFF

 274D38

 274D38

■ 1F4D34

■ 2F4D3C

■ 184D2F

■ 364D41

■ 104D2B

■ 3E4D45

■ 084D27

■ 464D49

■ 014D23

■ 4E4D4D

■ 004D22

■ 554D52

■ 5D4D56

■ 654D5A

■ 6C4D5E

# Harmonies

## Analogous

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



3B4A2B



274D38



0E4E49

# Triad

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



274D38



334665



633B33

# Complementary

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



274D38



4D273C

# 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.



643942



274D38



4C4060

# Square

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



274D38



144B63



5D3B53



5B4028

# Rectangle

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



274D38



004E53



5D3B53



653A38



# Sweetspot

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



274D38



55635B



3D4D27



2A332E



B3B3B3



333333



# Same Dimension

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



274D38



296343



274D4A



222624



00662E



00E667



# Inverse Universe

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



4D273C



632949



4D272A



262225



660038



E6007F



# Previews

## White Background



This preview shows how the Hex color 274D38 looks on a white background.

## Color Contrast Check

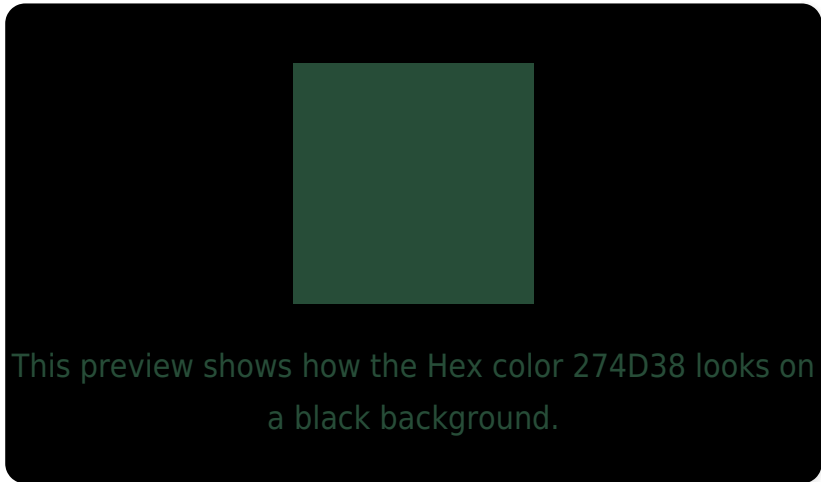
Large Text (above 18pt) WCAG AA ✓ Pass

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

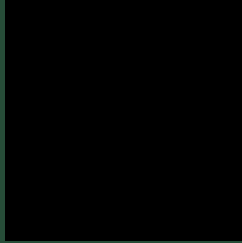
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 274D38 Background



This preview shows how black text looks on a background with the Hex color 274D38.



This preview shows how white text looks on a background with the Hex color 274D38.

# 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**  
274D38

**Protanopia**  
4A4534

**Deuteranopia**  
50433A



**Tritanopia**  
2D4A50

# Trichromacy



**Original Color**  
274D38

**Protanomaly**  
3D4835

**Deuteranomaly**  
414739

**Tritanomaly**  
2B4B47

# Monochromacy



**Original Color**  
274D38

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
36443C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 274D38 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 #274D38 looks like.

```
.text, #text, p{  
    color:#274D38  
}
```

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 #274D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274D38  
}
```

## Border

The CSS property to change the border of an element to Hex 274D38 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".

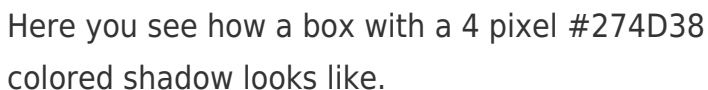
```
.border, #border, table{ border:4px solid  
#274D38 }
```

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

```
.border{ border-color:#274D38 }
```

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

Here you see how a box with a 4 pixel #274D38 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274D38; -webkit-box-shadow:4px 4px  
4px 4px #274D38; box-shadow:4px 4px 4px  
4px #274D38 }
```

# Background

The CSS property to change the background color of an element to Hex 274D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274D38 }
```

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

```
.background{ background-color:#274D38 }
```

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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