

# Converting Colors

Hex(274375)

Have a look what the booklet for  
Hex(274375) contains.

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# Color

Hex(274375)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	274375
RGB	39, 67, 117
RGB Percent	15%, 26%, 46%
CMY	0.8471, 0.7373, 0.5412
CMYK	0.67, 0.43, 0.00, 0.54
HSL	218°, 50%, 31%
HSV	218°, 67%, 46%
XYZ	6.0547, 5.7300, 17.6165
YIQ	64.3280, -32.7380, 9.6140

# Conversions

## Conversions Part 2

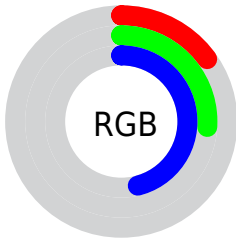
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 60, 117
Decimal	2573173
CIE <sub>Lab</sub>	28.72, 6.93, -31.88
CIE <sub>LCh</sub>	29, 32.620, 282.262
Yxy	5.7300, 0.2059, 0.1949
Android (android.graphics.Color)	4280763253 (0xFF274375)
YUV	64.3280, 25.9673, -22.2127
Hunter-Lab	23.9374, 3.2594, -26.8777




# Details

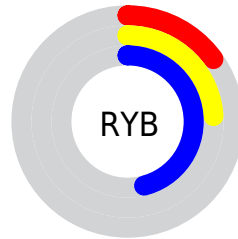
The Hex color **274375** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **755927**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **5D73A9**, and **001944** is the 20% darker color. If you saturate the color by 10%, you get **1B3C75**, and if you desaturate by 10%, it is **334B75**.

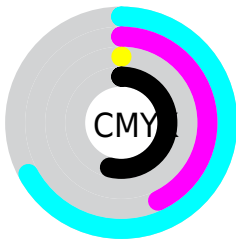
# Distribution







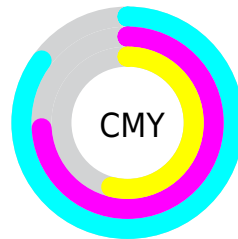
-  Red (15%)
-  Green (26%)
-  Blue (46%)






-  Red (15%)
-  Yellow (24%)
-  Blue (46%)



-  Cyan (67%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (85%)
-  Magenta (74%)
-  Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 274375 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 274375 by changing the saturation by 10% instead.



■ 274375

■ 274375

FFFFFF

■ 032D5C

■ 5D73A9

■ 001944

■ 778CC5

■ 00022E

■ 92A6E1

■ 000118

■ AEC1FE

■ 000000

■ CADDFF

■ E7FAFF

■ 274375

■ 274375

■ 1B3C75

■ 334B75

■ 103475

■ 3E5275

■ 042D75

■ 4A5A75

■ 002A75

■ 566175

■ 626975

■ 6D7075

■ 797875

■ 857F75

■ 908675

# Harmonies

## Analogous

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



004B73



274375



523969

# Triad

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



274375



6D3323



004F33

# Complementary

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



274375



755927

# 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.



2B4C1C



274375



5D3D12

# Square

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



274375



722D3A



47460E



00504E

# Rectangle

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



274375



64325C



47460E



0E4E2B



# Sweetspot

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



274375



7A8599



277558



3A414D



CCCCCC



4D4D4D



# Same Dimension

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



274375



1F4B99



312775



35373B



002C7A



005AFA



# Inverse Universe

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



752743



991F4B



6B7527



3B3537



7A002C



FA005A



# Previews

## White Background



This preview shows how the Hex color 274375 looks on a white background.

## Color Contrast Check

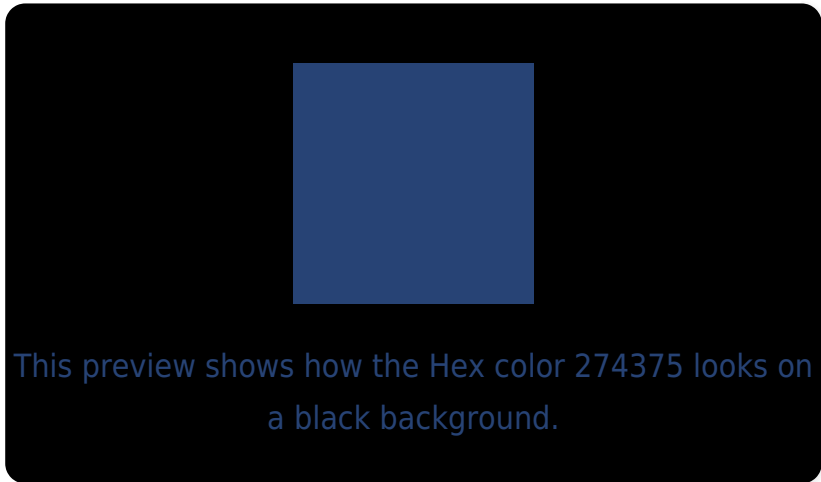
Large Text (above 18pt) WCAG AA ✓ Pass

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 274375 Background



This preview shows how black text looks on a background with the Hex color 274375.



This preview shows how white text looks on a background with the Hex color 274375.

# 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**  
274375

**Protanopia**  
2E4274

**Deuteranopia**  
1D4475



**Tritanopia**  
0D4B51

# Trichromacy



**Original Color**  
274375

**Protanomaly**  
2B4274

**Deuteranomaly**  
214475

**Tritanomaly**  
16485E

# Monochromacy



**Original Color**  
274375

**Achromatopsia**  
404040

**Achromatomaly**  
374153

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 274375 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 #274375 looks like.

```
.text, #text, p{  
    color:#274375  
}
```

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 #274375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274375
}
```

## Border

The CSS property to change the border of an element to Hex 274375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

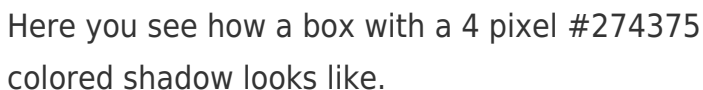
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#274375 }
```

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

```
.border{ border-color:#274375 }
```

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



Here you see how a box with a 4 pixel #274375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274375; -webkit-box-shadow:4px 4px  
4px 4px #274375; box-shadow:4px 4px 4px  
4px #274375 }
```

# Background

The CSS property to change the background color of an element to Hex 274375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274375 }
```

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

```
.background{ background-color:#274375 }
```

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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