

# Converting Colors

Hex(270239)

Have a look what the booklet for  
Hex(270239) contains.

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# Color

**Hex(270239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	270239
RGB	39, 2, 57
RGB Percent	15%, 1%, 22%
CMY	0.8471, 0.9922, 0.7765
CMYK	0.32, 0.96, 0.00, 0.78
HSL	280°, 93%, 12%
HSV	280°, 96%, 22%
XYZ	1.5969, 0.7702, 3.9354
YIQ	19.3330, 4.3970, 24.9490

# Conversions

## Conversions Part 2

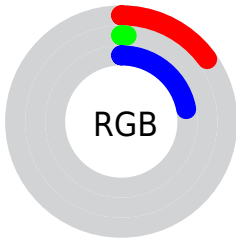
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 2, 57
Decimal	2556473
CIE Lab	6.96, 29.11, -26.55
CIE LCh	7, 39.396, 317.638
Yxy	0.7702, 0.2534, 0.1222
Android (android.graphics.Color)	4280746553 (0xFF270239)
YUV	19.3330, 18.5698, 17.2480
Hunter-Lab	8.7759, 17.1235, -20.4444

# Details

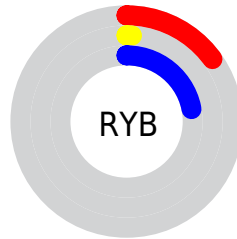
The Hex color **270239** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **143902**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **572F69**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **260039**, and if you desaturate by 10%, it is **290839**.

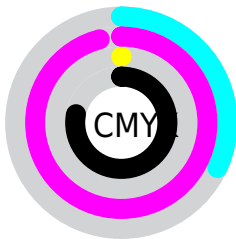
# Distribution



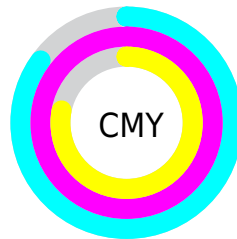
- Red (15%)
- Green (1%)
- Blue (22%)



- Red (15%)
- Yellow (1%)
- Blue (22%)



- Cyan (32%)
- Magenta (96%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (99%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 270239 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 270239 by changing the saturation by 10% instead.



 270239

 270239

 FFE5FF

 0F0023

 572F69

 00000A

 704682

 000000

 8A5F9C

 A578B7

 C192D3

 DDADEF

 FAC8FF

 270239

 270239

■ 260039

■ 290839

■ 2B0D39

■ 2D1339

■ 2E1939

■ 301F39

■ 322439

■ 342A39

■ 363039

■ 383539

# Harmonies

## Analogous

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



001448



270239



3C0021

# Triad

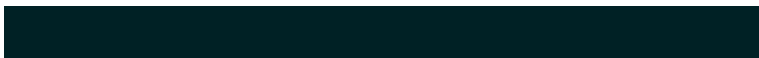
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270239



251000



002125

# Complementary

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



270239



143902

# 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.



002003



270239



081A00

# Square

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



270239



360000



002000



00213C

# Rectangle

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



270239



40000E



002000



00211C



# Sweetspot

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



270239



43354A



021439



221926



A6A6A6



262626



# Same Dimension

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



270239



32004A



390230



1B191C



3E005C



9400DB



# Inverse Universe

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



390214



4A0018



02390B



1C191A



5C001E

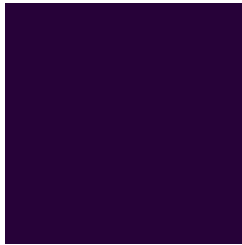


DB0048



# Previews

## White Background



This preview shows how the Hex color 270239 looks on a white background.

## Color Contrast Check

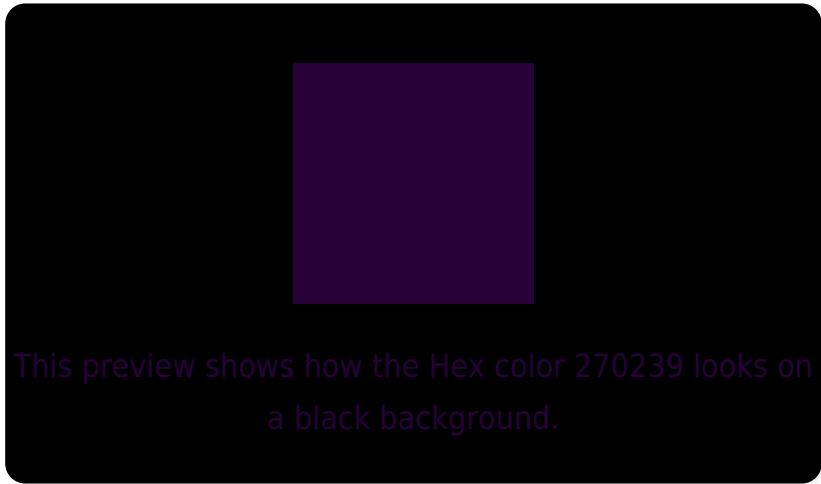
Large Text (above 18pt) WCAG AA ✓ Pass

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

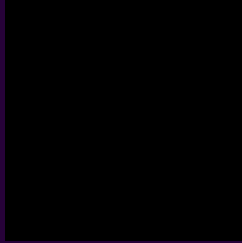
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 270239 Background



This preview shows how black text looks on a background with the Hex color 270239.



This preview shows how white text looks on a background with the Hex color 270239.

# 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](#).

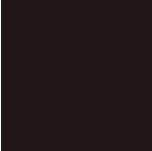
## Dichromacy



**Original Color**  
270239

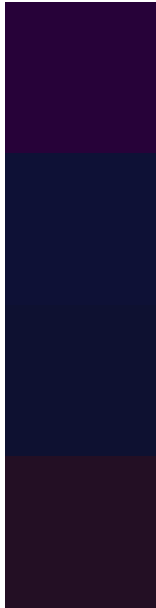
**Protanopia**  
001934

**Deuteranopia**  
001A2D



**Tritanopia**  
211618

# Trichromacy



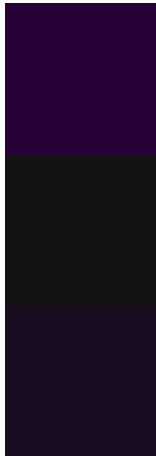
**Original Color**  
270239

**Protanomaly**  
0E1136

**Deuteranomaly**  
0E1131

**Tritanomaly**  
230F24

# Monochromacy



**Original Color**  
270239

**Achromatopsia**  
131313

**Achromatomaly**  
1A0D21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 270239 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 #270239 looks like.

```
.text, #text, p{  
    color:#270239  
}
```

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 #270239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270239
}
```

## Border

The CSS property to change the border of an element to Hex 270239 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".

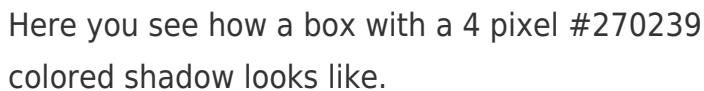
```
.border, #border, table{ border:4px solid
#270239 }
```

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

```
.border{ border-color:#270239 }
```

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

Here you see how a box with a 4 pixel #270239 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270239; -webkit-box-shadow:4px 4px  
4px 4px #270239; box-shadow:4px 4px 4px  
4px #270239 }
```

# Background

The CSS property to change the background color of an element to Hex 270239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270239 }
```

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

```
.background{ background-color:#270239 }
```

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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