

Converting Colors

Hex(270042)

Have a look what the booklet for
Hex(270042) contains.

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Color

Hex(270042)

Conversions

Conversions Part 1

Format	Color
Hex	270042
RGB	39, 0, 66
RGB Percent	15%, 0%, 26%
CMY	0.8471, 1.0000, 0.7412
CMYK	0.41, 1.00, 0.00, 0.74
HSL	275°, 100%, 13%
HSV	275°, 100%, 26%
XYZ	1.8201, 0.8247, 5.2175
YIQ	19.1850, 2.0580, 28.7940

Conversions

Conversions Part 2

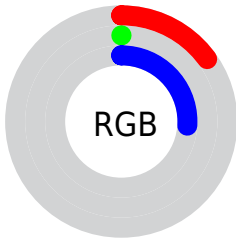
Format	Color
R_{YB}	39, 0, 66
Decimal	2555970
CIE _{Lab}	7.45, 32.69, -32.21
CIE _{LCh}	7, 45.898, 315.424
Yxy	0.8247, 0.2315, 0.1049
Android (android.graphics.Color)	4280746050 (0xFF270042)
YUV	19.1850, 23.0798, 17.3778
Hunter-Lab	9.0812, 19.8832, -27.7076

Details

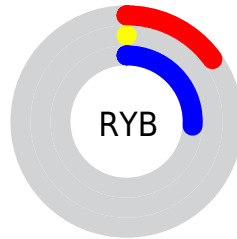
The Hex color **270042** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1B4200**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **582E73**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **270042**, and if you desaturate by 10%, it is **2A0742**.

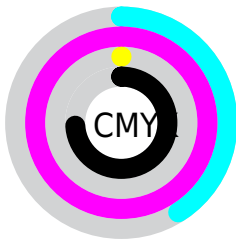
Distribution



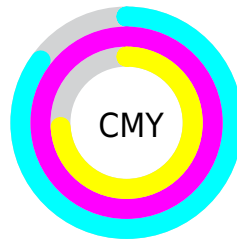
- Red (15%)
- Green (0%)
- Blue (26%)



- Red (15%)
- Yellow (0%)
- Blue (26%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (74%)



- Cyan (85%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270042 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 270042 by changing the saturation by 10% instead.

 270042

 270042

 FFE4FF

 11002C

 582E73

 000116

 72458D

 000000

 8C5EA7

 A777C3

 C391DF

 DFACFB

 FCC8FF

 270042

■ 2A0742

■ 2C0D42

■ 2F1442

■ 321A42

■ 352142

■ 372842

■ 3A2E42

■ 3D3542

■ 3F3B42

Harmonies

Analogous

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



001653



270042



420026

Triad

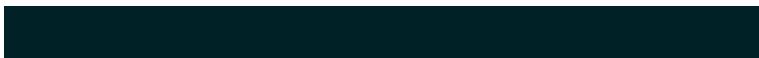
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270042



290F00



002226

Complementary

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



270042



1B4200

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.



002100



270042



0A1B00

Square

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



270042



3C0000



002100



002442

Rectangle

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



270042



470012



002100



00221B

Sweetspot

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



270042



4C3D57



001C42



251C2B



ABABAB



2B2B2B

Same Dimension

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



270042



330057



42003D



201E21



390061



8500E0

Inverse Universe

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



42001B



570023



004205



211E1F



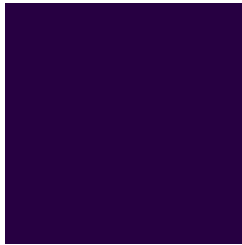
610028



E0005C

Previews

White Background



This preview shows how the Hex color 270042 looks on a white background.

Color Contrast Check

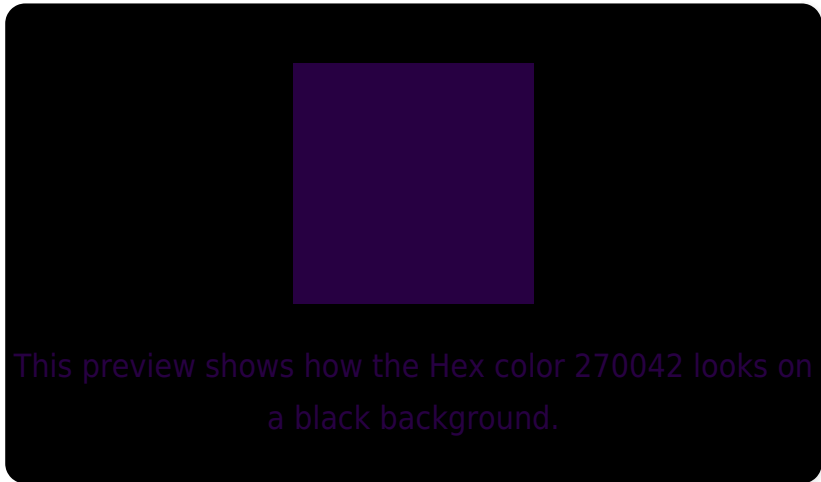
Large Text (above 18pt) WCAG AA ✓ Pass

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

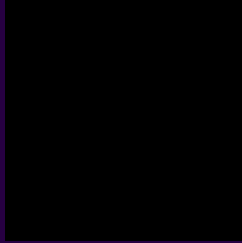
Any Text WCAG AA × Fail

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 270042 Background



This preview shows how black text looks on a background with the Hex color 270042.



This preview shows how white text looks on a background with the Hex color 270042.

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
270042

Protanopia
001A37

Deuteranopia
001C2F



Tritanopia
1F1A1C

Trichromacy



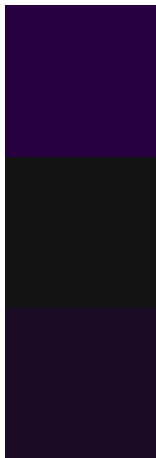
Original Color
270042

Protanomaly
0E113B

Deuteranomaly
0E1236

Tritanomaly
22112A

Monochromacy



Original Color
270042

Achromatopsia
131313

Achromatomaly
1A0C24

CSS Examples

Text

The CSS property to change the color of the text to Hex 270042 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 #270042 looks like.

```
.text, #text, p{  
    color:#270042  
}
```

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 #270042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270042
}
```

Border

The CSS property to change the border of an element to Hex 270042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

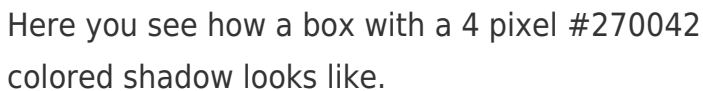
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#270042 }
```

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

```
.border{ border-color:#270042 }
```

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



Here you see how a box with a 4 pixel #270042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270042; -webkit-box-shadow:4px 4px  
4px 4px #270042; box-shadow:4px 4px 4px  
4px #270042 }
```

Background

The CSS property to change the background color of an element to Hex 270042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270042 }
```

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

```
.background{ background-color:#270042 }
```

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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