

Converting Colors

Hex(270837)

Have a look what the booklet for
Hex(270837) contains.

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Color

Hex(270837)

Conversions

Conversions Part 1

Format	Color
Hex	270837
RGB	39, 8, 55
RGB Percent	15%, 3%, 22%
CMY	0.8471, 0.9686, 0.7843
CMYK	0.29, 0.85, 0.00, 0.78
HSL	280°, 75%, 12%
HSV	280°, 85%, 22%
XYZ	1.6131, 0.8808, 3.6994
YIQ	22.6270, 3.3890, 21.1890

Conversions

Conversions Part 2

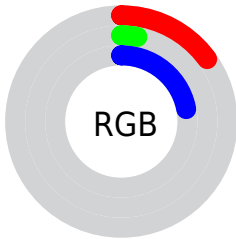
Format	Color
R_{YB}	39, 8, 55
Decimal	2558007
CIE Lab	7.96, 25.23, -23.47
CIE LCh	8, 34.462, 317.069
Yxy	0.8808, 0.2605, 0.1422
Android (android.graphics.Color)	4280748087 (0xFF270837)
YUV	22.6270, 15.9599, 14.3591
Hunter-Lab	9.3853, 14.2559, -16.8008

Details

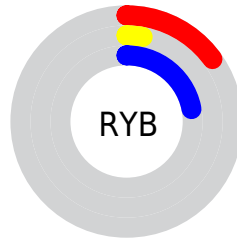
The Hex color **270837** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **183708**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **563466**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **250237**, and if you desaturate by 10%, it is **290D37**.

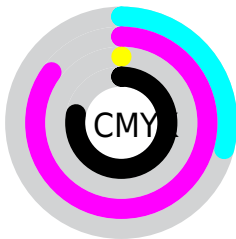
Distribution



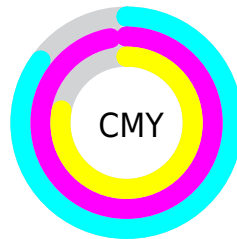
- Red (15%)
- Green (3%)
- Blue (22%)



- Red (15%)
- Yellow (3%)
- Blue (22%)



- Cyan (29%)
- Magenta (85%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (97%)
- Yellow (78%)
- Black (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270837 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 270837 by changing the saturation by 10% instead.

 270837

 270837

 FFEAFF

 110022

 563466

 000007

 6F4C80

 000000

 89649A

 A47DB5

 BF97D0

 DCB2ED

 F8CEFF

 270837

 270837

■ 250237

■ 290D37

■ 240037

■ 2B1337

■ 2D1837

■ 2E1E37

■ 302337

■ 322937

■ 342F37

■ 363437

■ 383A37

Harmonies

Analogous

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



001644



270837



3A0022

Triad

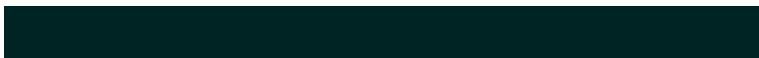
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270837



271300



002324

Complementary

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



270837



183708

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.



002309



270837



111B00

Square

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



270837



360500



002000



002239

Rectangle

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



270837



3D0013



002000



00231C

Sweetspot

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



270837



413547



081837



201924



A3A3A3



242424

Same Dimension

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



270837



2F0047



370830



1B191C



3D005C



9100DB

Inverse Universe

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



370818



470018



08370F



1C191A



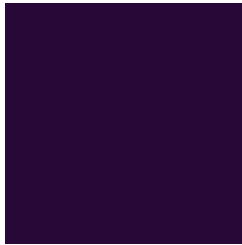
5C001F



DB004B

Previews

White Background



This preview shows how the Hex color 270837 looks on a white background.

Color Contrast Check

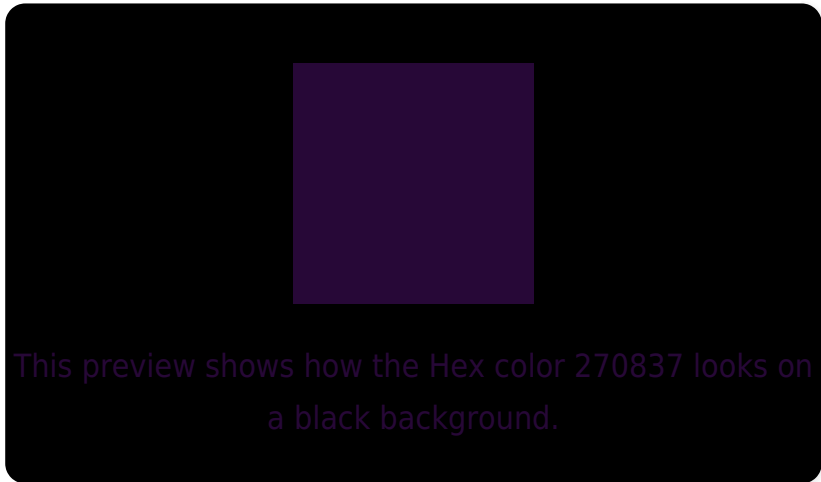
Large Text (above 18pt) WCAG AA ✓ Pass

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

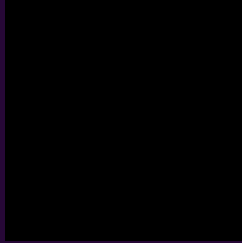
Any Text WCAG AA × Fail

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 270837 Background



This preview shows how black text looks on a background with the Hex color 270837.



This preview shows how white text looks on a background with the Hex color 270837.

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](#).

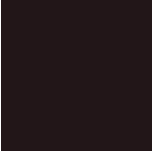
Dichromacy



Original Color
270837

Protanopia
001934

Deuteranopia
001A2D



Tritanopia
221618

Trichromacy



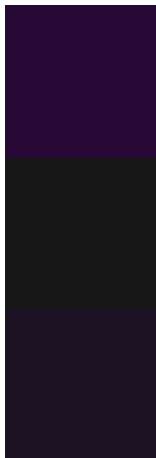
Original Color
270837

Protanomaly
0E1335

Deuteranomaly
0E1331

Tritanomaly
241123

Monochromacy



Original Color
270837

Achromatopsia
171717

Achromatomaly
1D1223

CSS Examples

Text

The CSS property to change the color of the text to Hex 270837 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 #270837 looks like.

```
.text, #text, p{  
    color:#270837  
}
```

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 #270837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270837  
}
```

Border

The CSS property to change the border of an element to Hex 270837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

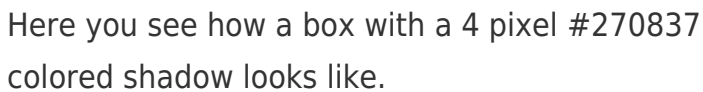
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#270837 }
```

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

```
.border{ border-color:#270837 }
```

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



Here you see how a box with a 4 pixel #270837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270837; -webkit-box-shadow:4px 4px  
4px 4px #270837; box-shadow:4px 4px 4px  
4px #270837 }
```

Background

The CSS property to change the background color of an element to Hex 270837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270837 }
```

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

```
.background{ background-color:#270837 }
```

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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