

Converting Colors

Hex(271B47)

Have a look what the booklet for
Hex(271B47) contains.

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Color

Hex(271B47)

Conversions

Conversions Part 1

Format	Color
Hex	271B47
RGB	39, 27, 71
RGB Percent	15%, 11%, 28%
CMY	0.8471, 0.8941, 0.7216
CMYK	0.45, 0.62, 0.00, 0.72
HSL	256°, 45%, 19%
HSV	256°, 62%, 28%
XYZ	2.3660, 1.6701, 6.1589
YIQ	35.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

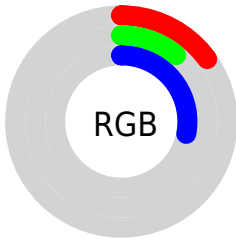
Format	Color
RYB	39, 27, 71
Decimal	2562887
CIELab	13.65, 18.18, -25.65
CIELCh	14, 31.443, 305.334
Yxy	1.6701, 0.2321, 0.1638
Android (android.graphics.Color)	4280752967 (0xFF271B47)
YUV	35.6040, 17.4502, 2.9783
Hunter-Lab	12.9234, 10.0633, -19.2096

Details

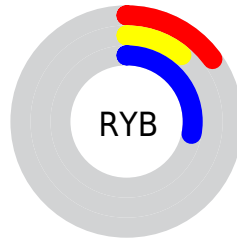
The Hex color **271B47** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3B471B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **574778**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **221447**, and if you desaturate by 10%, it is **2C2247**.

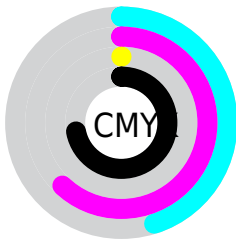
Distribution



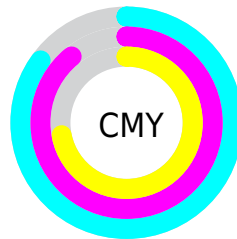
- Red (15%)
- Green (11%)
- Blue (28%)



- Red (15%)
- Yellow (11%)
- Blue (28%)



- Cyan (45%)
- Magenta (62%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271B47 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 271B47 by changing the saturation by 10% instead.

■ 271B47

■ 271B47

FFFFFF

■ 130230

■ 574778

■ 00011B

■ 705F92

■ 000000

■ 8A77AC

■ A491C8

■ C0ACE4

■ DCC7FF

■ F9E3FF

■ 271B47

■ 271B47

■ 221447

■ 2C2247

■ 1D0D47

■ 312947

■ 180647

■ 363047

■ 130047

■ 3C3747

■ 413F47

■ 464647

■ 4B4D47

■ 505447

■ 555B47

Harmonies

Analogous

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



00244F



271B47



400F36

Triad

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



271B47



3B1B00



002C26

Complementary

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



271B47



3B471B

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.



002B0F



271B47



292300

Square

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



271B47



460F07



142800



002C3C

Rectangle

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



271B47



470827



142800



002C1F

Sweetspot

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



271B47



4F4A5C



1B3B47



26232E



ADADAD



2E2E2E

Same Dimension

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



271B47



2A185C



3D1B47



212024



1B0063



3E00E3

Inverse Universe

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



471B3B



5C1849



25471B



242023



630048



E300A5

Previews

White Background



This preview shows how the Hex color 271B47 looks on a white background.

Color Contrast Check

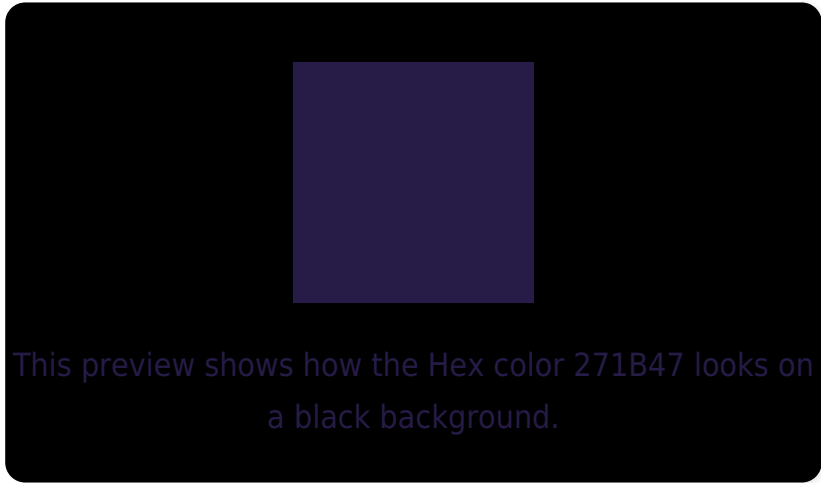
Large Text (above 18pt) WCAG AA ✓ Pass

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

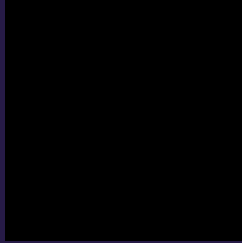
Any Text WCAG AA × Fail

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 271B47 Background



This preview shows how black text looks on a background with the Hex color 271B47.



This preview shows how white text looks on a background with the Hex color 271B47.

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
271B47

Protanopia
002248

Deuteranopia
00243F



Tritanopia
1F2427

Trichromacy



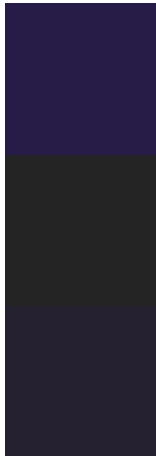
Original Color
271B47

Protanomaly
0E1F48

Deuteranomaly
0E2142

Tritanomaly
222133

Monochromacy



Original Color
271B47

Achromatopsia
242424

Achromatomaly
252131

CSS Examples

Text

The CSS property to change the color of the text to Hex 271B47 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 #271B47 looks like.

```
.text, #text, p{  
    color:#271B47  
}
```

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 #271B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271B47
}
```

Border

The CSS property to change the border of an element to Hex 271B47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

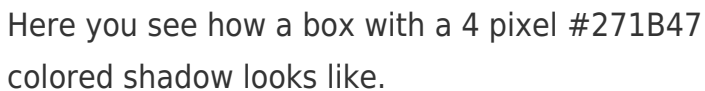
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271B47 }
```

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

```
.border{ border-color:#271B47 }
```

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



Here you see how a box with a 4 pixel #271B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271B47; -webkit-box-shadow:4px 4px  
4px 4px #271B47; box-shadow:4px 4px 4px  
4px #271B47 }
```

Background

The CSS property to change the background color of an element to Hex 271B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271B47 }
```

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

```
.background{ background-color:#271B47 }
```

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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