

# Converting Colors

Hex(271B64)

Have a look what the booklet for  
Hex(271B64) contains.

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# Color

**Hex(271B64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	271B64
RGB	39, 27, 100
RGB Percent	15%, 11%, 39%
CMY	0.8471, 0.8941, 0.6078
CMYK	0.61, 0.73, 0.00, 0.61
HSL	250°, 57%, 25%
HSV	250°, 73%, 39%
XYZ	3.5289, 2.1353, 12.2828
YIQ	38.9100, -16.2810, 25.2470

# Conversions

## Conversions Part 2

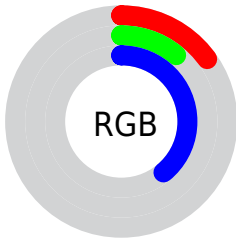
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 27, 100
Decimal	2562916
CIE <sub>Lab</sub>	16.18, 28.09, -41.15
CIE <sub>LCh</sub>	16, 49.823, 304.316
Yxy	2.1353, 0.1966, 0.1190
Android (android.graphics.Color)	4280752996 (0xFF271B64)
YUV	38.9100, 30.1174, 0.0789
Hunter-Lab	14.6127, 17.5347, -39.6076

# Details

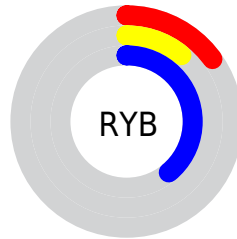
The Hex color **271B64** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **58641B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5C4898**, and **000034** is the 20% darker color. If you saturate the color by 10%, you get **1F1164**, and if you desaturate by 10%, it is **2F2564**.

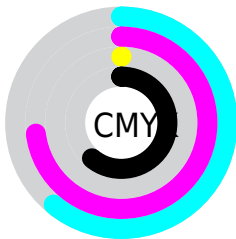
# Distribution



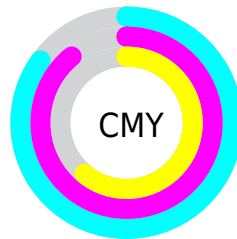
- Red (15%)
- Green (11%)
- Blue (39%)



- Red (15%)
- Yellow (11%)
- Blue (39%)



- Cyan (61%)
- Magenta (73%)
- Yellow (0%)
- Black (61%)



- Cyan (85%)
- Magenta (89%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 271B64 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 271B64 by changing the saturation by 10% instead.



■ 271B64

■ 271B64

FFFFFF

■ 07064C

■ 5C4898

■ 000034

■ 7660B3

■ 00021E

■ 9179CF

■ 000000

■ AD93EB

■ C9ADFF

■ E5C9FF

■ FFE5FF

■ 271B64

■ 271B64

■ 1F1164

■ 2F2564

■ 160764

■ 382F64

■ 100064

■ 403964

■ 484364

■ 514D64

■ 595764

■ 616164

■ 6A6B64

■ 727564

# Harmonies

## Analogous

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



002C71



271B64



540048

# Triad

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



271B64



4A1900



00362D

# Complementary

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



271B64



58641B

# 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.



003402



271B64



2E2900

# Square

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



271B64



5D0000



023000



003650

# Rectangle

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



271B64



600031



023000



003520



# Sweetspot

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



271B64



6A6582



1B5964



343142



C2C2C2



424242



# Same Dimension

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



271B64



221082



4A1B64



2F2E33



130073



2800F2



# Inverse Universe

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



641B58



82106F



35641B



332E32



730060

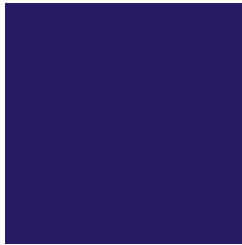


F200CA



# Previews

## White Background



This preview shows how the Hex color 271B64 looks on a white background.

## Color Contrast Check

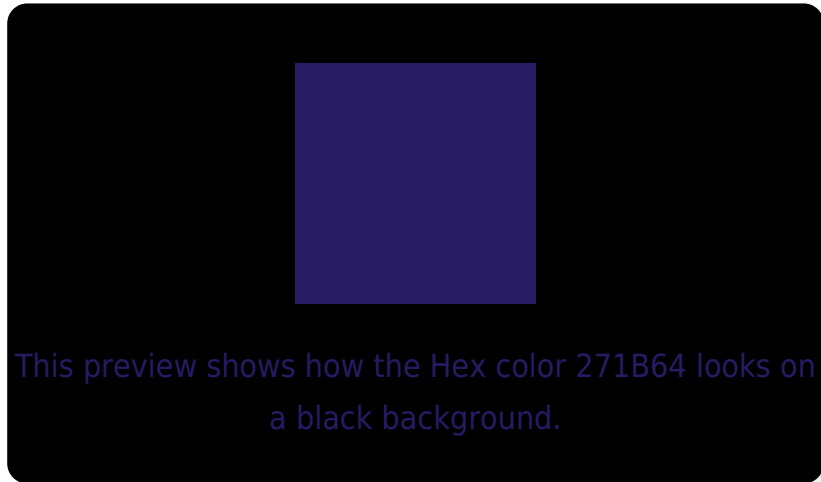
Large Text (above 18pt) WCAG AA ✓ Pass

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

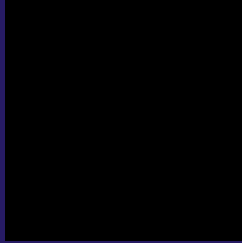
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 271B64 Background



This preview shows how black text looks on a background with the Hex color 271B64.



This preview shows how white text looks on a background with the Hex color 271B64.

# 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**  
271B64

**Protanopia**  
002753

**Deuteranopia**  
002A47



**Tritanopia**  
0C2D31

# Trichromacy



**Original Color**

271B64

**Protanomaly**

0E2359

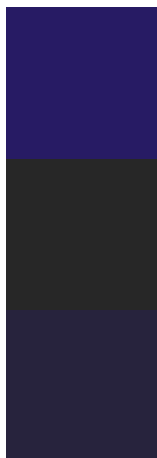
**Deuteranomaly**

0E2552

**Tritanomaly**

162644

# Monochromacy



**Original Color**

271B64

**Achromatopsia**

272727

**Achromatomaly**

27233D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 271B64 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 #271B64 looks like.

```
.text, #text, p{  
    color:#271B64  
}
```

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 #271B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271B64
}
```

## Border

The CSS property to change the border of an element to Hex 271B64 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
#271B64 }
```

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

```
.border{ border-color:#271B64 }
```

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

Here you see how a box with a 4 pixel #271B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271B64; -webkit-box-shadow:4px 4px  
4px 4px #271B64; box-shadow:4px 4px 4px  
4px #271B64 }
```

# Background

The CSS property to change the background color of an element to Hex 271B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271B64 }
```

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

```
.background{ background-color:#271B64 }
```

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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