

Converting Colors

Hex(271A31)

Have a look what the booklet for
Hex(271A31) contains.

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Color

Hex(271A31)

Conversions

Conversions Part 1

Format	Color
Hex	271A31
RGB	39, 26, 49
RGB Percent	15%, 10%, 19%
CMY	0.8471, 0.8980, 0.8078
CMYK	0.20, 0.47, 0.00, 0.81
HSL	274°, 31%, 15%
HSV	274°, 47%, 19%
XYZ	1.7605, 1.3919, 3.0816
YIQ	32.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

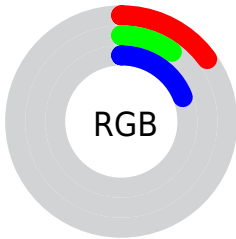
Format	Color
R_{YB}	39, 26, 49
Decimal	2562609
CIE _{Lab}	11.90, 12.02, -12.84
CIE _{LCh}	12, 17.587, 313.107
Yxy	1.3919, 0.2824, 0.2233
Android (android.graphics.Color)	4280752689 (0xFF271A31)
YUV	32.5090, 8.1301, 5.6926
Hunter-Lab	11.7978, 5.9898, -7.2282

Details

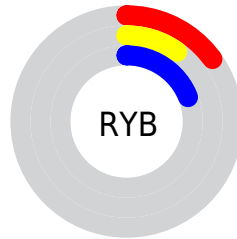
The Hex color **271A31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24311A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **55455F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251531**, and if you desaturate by 10%, it is **291F31**.

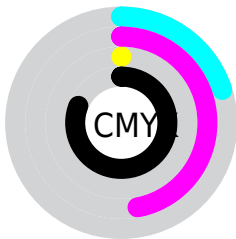
Distribution



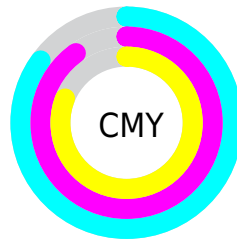
- Red (15%)
- Green (10%)
- Blue (19%)



- Red (15%)
- Yellow (10%)
- Blue (19%)



- Cyan (20%)
- Magenta (47%)
- Yellow (0%)
- Black (81%)



- Cyan (85%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271A31 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 271A31 by changing the saturation by 10% instead.

■ 271A31

■ 271A31

FFFEFF

■ 14001C

■ 55455F

■ 000000

■ 6D5D78

■ 867692

■ A18FAC

■ BCAAC8

■ D8C5E4

■ F4E1FF

■ 271A31

■ 271A31

■ 251531

■ 291F31

■ 231031

■ 2B2431

■ 210B31

■ 2D2931

■ 1E0631

■ 302E31

■ 1C0231

■ 323331

■ 1C0031

■ 343731

■ 363C31

■ 384131

■ 3A4631

Harmonies

Analogous

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



141F37



271A31



321627

Triad

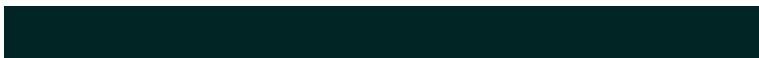
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



271A31



2D1C02



002524

Complementary

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



271A31



24311A

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.



022518



271A31



222001

Square

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



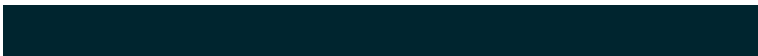
271A31



34180E



14230B



00252F

Rectangle

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



271A31



35151F



14230B



002520

Sweetspot

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



271A31



3C3740



1A2431



1F1C21



A1A1A1



212121

Same Dimension

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



271A31



301C40



311A30



18171A



320059



7B00D9

Inverse Universe

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



311A24



401C2C



1A311B



1A1718



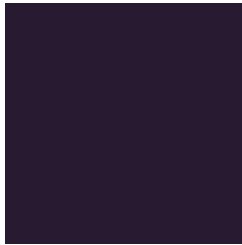
590027



D9005E

Previews

White Background



This preview shows how the Hex color 271A31 looks on a white background.

Color Contrast Check

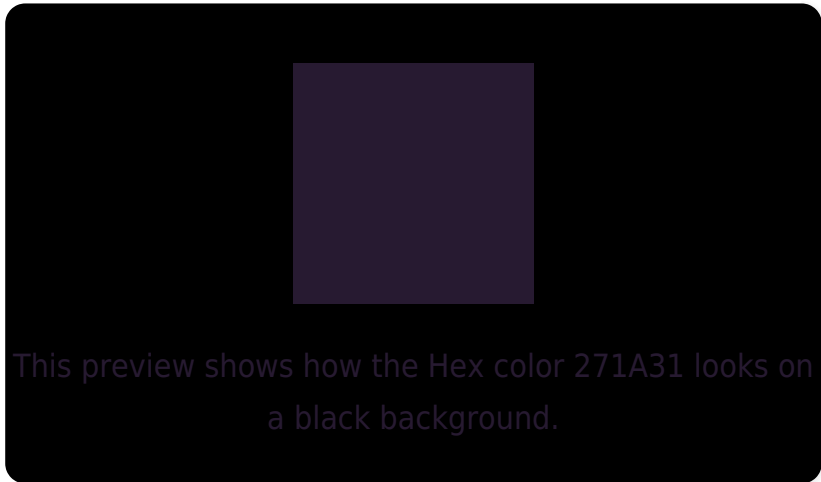
Large Text (above 18pt) WCAG AA ✓ Pass

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

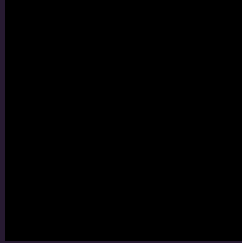
Any Text WCAG AA × Fail

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 271A31 Background



This preview shows how black text looks on a background with the Hex color 271A31.



This preview shows how white text looks on a background with the Hex color 271A31.

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
271A31

Protanopia
161F35

Deuteranopia
182030

Trichromacy



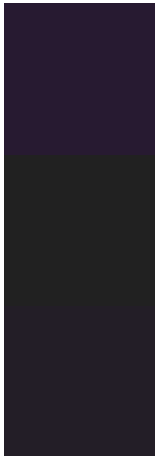
Original Color
271A31

Protanomaly
1C1D34

Deuteranomaly
1D1E30

Tritanomaly
251D26

Monochromacy



Original Color
271A31

Achromatopsia
212121

Achromatomaly
231E27

CSS Examples

Text

The CSS property to change the color of the text to Hex 271A31 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 #271A31 looks like.

```
.text, #text, p{  
    color:#271A31  
}
```

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 #271A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271A31
}
```

Border

The CSS property to change the border of an element to Hex 271A31 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".

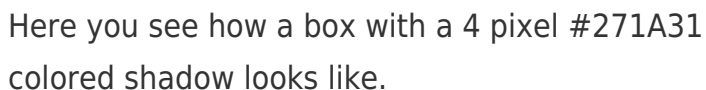
```
.border, #border, table{ border:4px solid
#271A31 }
```

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

```
.border{ border-color:#271A31 }
```

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

Here you see how a box with a 4 pixel #271A31 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271A31; -webkit-box-shadow:4px 4px  
4px 4px #271A31; box-shadow:4px 4px 4px  
4px #271A31 }
```

Background

The CSS property to change the background color of an element to Hex 271A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271A31 }
```

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

```
.background{ background-color:#271A31 }
```

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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