

Converting Colors

Hex(271E3E)

Have a look what the booklet for
Hex(271E3E) contains.

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Color

Hex(271E3E)

Conversions

Conversions Part 1

Format	Color
Hex	271E3E
RGB	39, 30, 62
RGB Percent	15%, 12%, 24%
CMY	0.8471, 0.8824, 0.7569
CMYK	0.37, 0.52, 0.00, 0.76
HSL	257°, 35%, 18%
HSV	257°, 52%, 24%
XYZ	2.1705, 1.7077, 4.7726
YIQ	36.3390, -4.9080, 11.8600

Conversions

Conversions Part 2

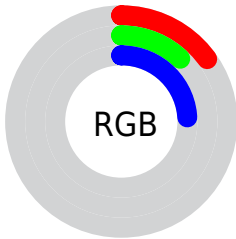
Format	Color
RYB	39, 30, 62
Decimal	2563646
CIELab	13.87, 13.10, -19.01
CIELCh	14, 23.088, 304.558
Yxy	1.7077, 0.2509, 0.1974
Android (android.graphics.Color)	4280753726 (0xFF271E3E)
YUV	36.3390, 12.6509, 2.3337
Hunter-Lab	13.0678, 6.7789, -12.5065

Details

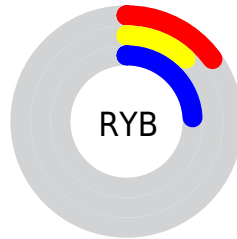
The Hex color **271E3E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **353E1E**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **554A6E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **23183E**, and if you desaturate by 10%, it is **2B243E**.

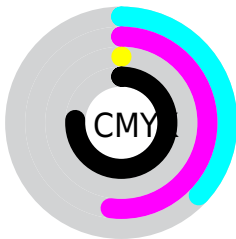
Distribution



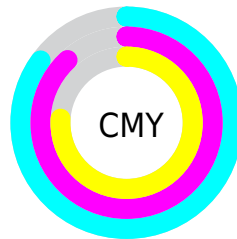
- Red (15%)
- Green (12%)
- Blue (24%)



- Red (15%)
- Yellow (12%)
- Blue (24%)



- Cyan (37%)
- Magenta (52%)
- Yellow (0%)
- Black (76%)



- Cyan (85%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 271E3E 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 271E3E by changing the saturation by 10% instead.

■ 271E3E

■ 271E3E

FFFFFF

■ 130628

■ 554A6E

■ 000112

■ 6E6287

■ 000000

■ 887BA2

■ A294BD

■ BDAFD8

■ D9CAF5

■ F6E7FF

■ 271E3E

■ 271E3E

■ 23183E

■ 2B243E

■ 1E123E

■ 302A3E

■ 1A0B3E

■ 34313E

■ 15053E

■ 39373E

■ 11003E

■ 3D3D3E

■ 42433E

■ 46493E

■ 4B503E

■ 4F563E

Harmonies

Analogous

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



022444



271E3E



391731

Triad

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



271E3E



371D00



002B25

Complementary

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



271E3E



353E1E

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.



002A15



271E3E



2B2300

Square

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



271E3E



3F1712



1A2803



002B35

Rectangle

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



271E3E



3F1427



1A2803



002B20

Sweetspot

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



271E3E



494552



1E353E



242129



A8A8A8



292929

Same Dimension

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



271E3E



2D1F52



371E3E



1C1C1F



1B005E



3E00DE

Inverse Universe

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



3E1E35



521F43



253E1E



1F1C1E



5E0044



DE009F

Previews

White Background



This preview shows how the Hex color 271E3E 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

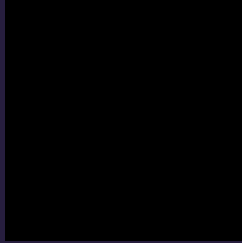
Any Text WCAG AA × Fail

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 271E3E Background



This preview shows how black text looks on a background with the Hex color 271E3E.



This preview shows how white text looks on a background with the Hex color 271E3E.

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
271E3E

Protanopia
132343

Deuteranopia
11243D



Tritanopia
222427

Trichromacy



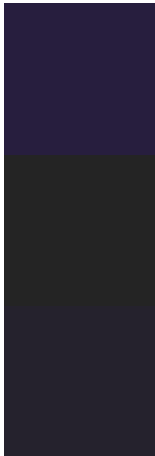
Original Color
271E3E

Protanomaly
1A2141

Deuteranomaly
19223D

Tritanomaly
24222F

Monochromacy



Original Color
271E3E

Achromatopsia
242424

Achromatomaly
25222D

CSS Examples

Text

The CSS property to change the color of the text to Hex 271E3E 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 #271E3E looks like.

```
.text, #text, p{  
    color:#271E3E  
}
```

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 #271E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #271E3E
}
```

Border

The CSS property to change the border of an element to Hex 271E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

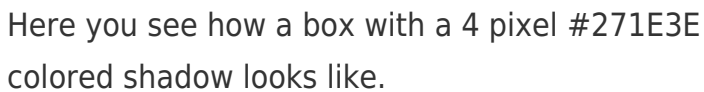
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#271E3E }
```

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

```
.border{ border-color:#271E3E }
```

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



Here you see how a box with a 4 pixel #271E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #271E3E; -webkit-box-shadow:4px 4px  
4px 4px #271E3E; box-shadow:4px 4px 4px  
4px #271E3E }
```

Background

The CSS property to change the background color of an element to Hex 271E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#271E3E }
```

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

```
.background{ background-color:#271E3E }
```

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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