

Converting Colors

Hex(281E33)

Have a look what the booklet for
Hex(281E33) contains.

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Color

Hex(281E33)

Conversions

Conversions Part 1

Format	Color
Hex	281E33
RGB	40, 30, 51
RGB Percent	16%, 12%, 20%
CMY	0.8431, 0.8824, 0.8000
CMYK	0.22, 0.41, 0.00, 0.80
HSL	269°, 26%, 16%
HSV	269°, 41%, 20%
XYZ	1.9369, 1.6187, 3.3423
YIQ	35.3840, -0.7810, 8.6510

Conversions

Conversions Part 2

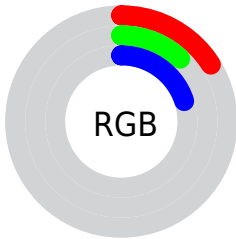
Format	Color
R_{YB}	40, 30, 51
Decimal	2629171
CIE Lab	13.34, 10.09, -12.03
CIE LCh	13, 15.701, 309.990
Yxy	1.6187, 0.2808, 0.2347
Android (android.graphics.Color)	4280819251 (0xFF281E33)
YUV	35.3840, 7.6987, 4.0482
Hunter-Lab	12.7227, 4.9097, -6.6698

Details

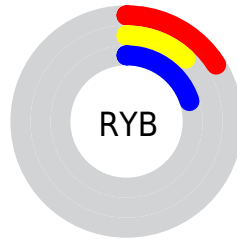
The Hex color **281E33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29331E**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **564A61**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **251933**, and if you desaturate by 10%, it is **2B2333**.

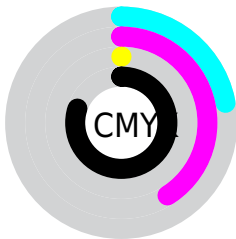
Distribution



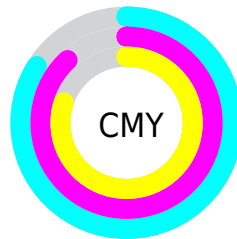
- Red (16%)
- Green (12%)
- Blue (20%)



- Red (16%)
- Yellow (12%)
- Blue (20%)



- Cyan (22%)
- Magenta (41%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (88%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281E33 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 281E33 by changing the saturation by 10% instead.

■ 281E33

■ 281E33

FFFFFF

■ 15061E

■ 564A61

■ 000001

■ 6E627A

■ 000000

■ 877A94

■ A294AF

■ BDAFCA

■ D9CAE6

■ F5E6FF

■ 281E33

■ 281E33

■ 251933

■ 2B2333

■ 231433

■ 2D2833

■ 200F33

■ 302D33

■ 1D0A33

■ 333233

■ 1B0433

■ 353833

■ 180033

■ 383D33

■ 3B4233

■ 3D4733

■ 404C33

Harmonies

Analogous

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



172238



281E33



331A2A

Triad

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



281E33



2F1F0C



002826

Complementary

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



281E33



29331E

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.



0B271A



281E33



26230A

Square

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



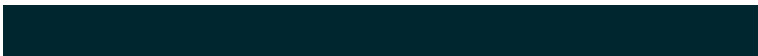
281E33



351B15



1A2611



002730

Rectangle

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



281E33



361923



1A2611



002822

Sweetspot

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



281E33



3E3A42



1E2933



1F1D21



A1A1A1



212121

Same Dimension

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



281E33



312242



321E33



18171A



2A0059



6700D9

Inverse Universe

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



331E29



422233



1F331E



1A1718



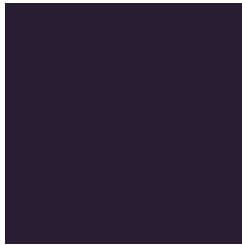
59002F



D90072

Previews

White Background



This preview shows how the Hex color 281E33 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

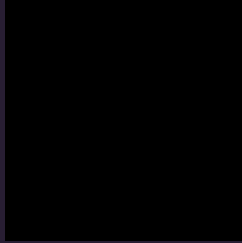
Any Text WCAG AA × Fail

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 281E33 Background



This preview shows how black text looks on a background with the Hex color 281E33.



This preview shows how white text looks on a background with the Hex color 281E33.

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
281E33

Protanopia
1B2236

Deuteranopia
1C2232



Tritanopia
252124

Trichromacy



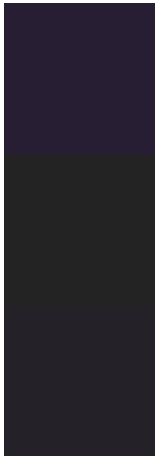
Original Color
281E33

Protanomaly
202135

Deuteranomaly
202132

Tritanomaly
262029

Monochromacy



Original Color
281E33

Achromatopsia
232323

Achromatomaly
252129

CSS Examples

Text

The CSS property to change the color of the text to Hex 281E33 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 #281E33 looks like.

```
.text, #text, p{  
    color:#281E33  
}
```

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 #281E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281E33  
}
```

Border

The CSS property to change the border of an element to Hex 281E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

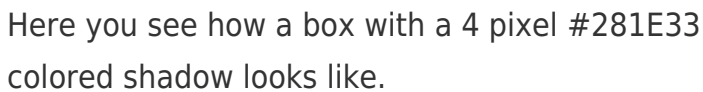
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#281E33 }
```

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

```
.border{ border-color:#281E33 }
```

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



Here you see how a box with a 4 pixel #281E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281E33; -webkit-box-shadow:4px 4px  
4px 4px #281E33; box-shadow:4px 4px 4px  
4px #281E33 }
```

Background

The CSS property to change the background color of an element to Hex 281E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281E33 }
```

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

```
.background{ background-color:#281E33 }
```

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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