

Converting Colors

Hex(281A00)

Have a look what the booklet for
Hex(281A00) contains.

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Color

Hex(281A00)

Conversions

Conversions Part 1

Format	Color
Hex	281A00
RGB	40, 26, 0
RGB Percent	16%, 10%, 0%
CMY	0.8431, 0.8980, 1.0000
CMYK	0.00, 0.35, 1.00, 0.84
HSL	39°, 100%, 8%
HSV	39°, 100%, 16%
XYZ	1.2445, 1.1899, 0.1641
YIQ	27.2220, 16.6900, -5.1180

Conversions

Conversions Part 2

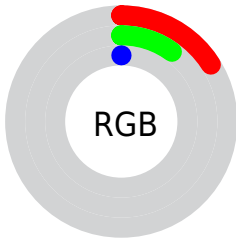
Format	Color
RYB	22, 40, 0
Decimal	2628096
CIELab	10.48, 3.70, 15.73
CIELCh	10, 16.155, 76.770
Yxy	1.1899, 0.4789, 0.4579
Android (android.graphics.Color)	4280818176 (0xFF281A00)
YUV	27.2220, -13.4204, 11.2063
Hunter-Lab	10.9083, 1.2746, 6.7439

Details

The Hex color **281A00** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000E28**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **56452F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281A00**, and if you desaturate by 10%, it is **281B04**.

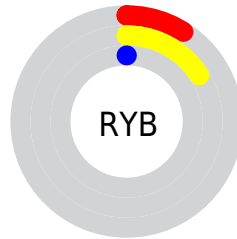
Distribution



Red (16%)

Green (10%)

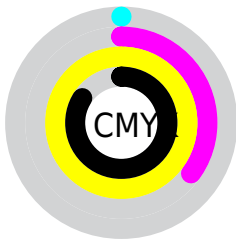
Blue (0%)



Red (9%)

Yellow (16%)

Blue (0%)

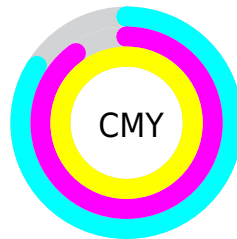


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281A00 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 281A00 by changing the saturation by 10% instead.

 281A00

 281A00

 FFFDE2

 0C0000

 56452F

 000000

 6F5D46

 88755E

 A38F76

 BEA990

 DAC4AB

 F7E0C6

 281A00

■ 281B04

■ 281D08

■ 281E0C

■ 282010

■ 282114

■ 282218

■ 28241C

■ 282520

■ 282724

Harmonies

Analogous

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



2F160A



281A00



1E1E00

Triad

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



281A00



002222



25172C

Complementary

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



281A00



000E28

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.



151B31



281A00



00212C

Square

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



281A00



002217



001F32



2E1422

Rectangle

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



281A00



161F06



001F32



21192E

Sweetspot

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



281A00



332E24



28000E



1A1610



999999



1A1A1A

Same Dimension

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



281A00



332100



222800



141412



543700



D48A00

Inverse Universe

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



000E28



001233



060028



121314



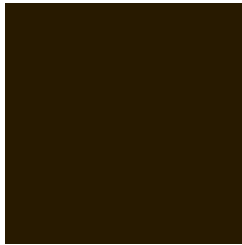
001D54



004AD4

Previews

White Background



This preview shows how the Hex color 281A00 looks on a white background.

Color Contrast Check

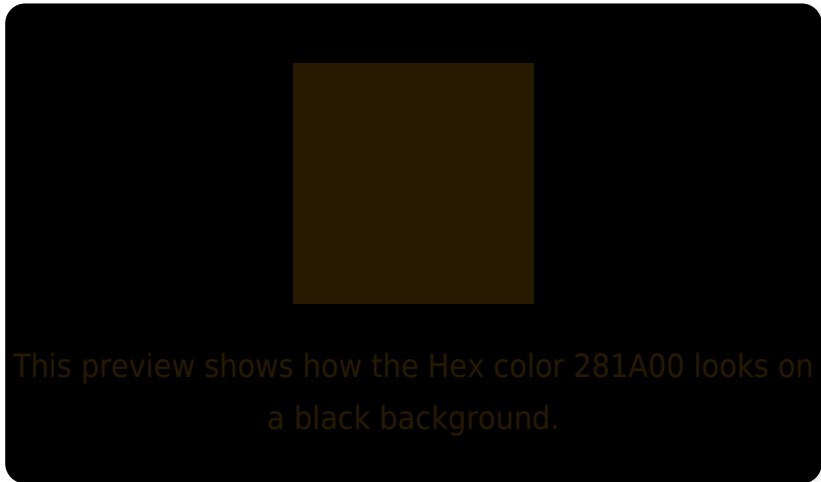
Large Text (above 18pt) WCAG AA ✓ Pass

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

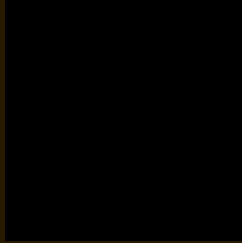
Any Text WCAG AA × Fail

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 281A00 Background



This preview shows how black text looks on a background with the Hex color 281A00.



This preview shows how white text looks on a background with the Hex color 281A00.

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
281A00

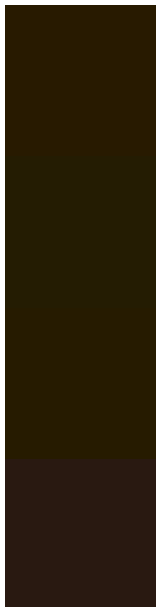
Protanopia
211D03

Deuteranopia
251C00



Tritanopia
29181A

Trichromacy



Original Color

281A00

Protanomaly

241C02

Deuteranomaly

261B00

Tritanomaly

291911

Monochromacy



Original Color

281A00

Achromatopsia

1B1B1B

Achromatomaly

201B11

CSS Examples

Text

The CSS property to change the color of the text to Hex 281A00 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 #281A00 looks like.

```
.text, #text, p{  
    color:#281A00  
}
```

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 #281A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281A00
}
```

Border

The CSS property to change the border of an element to Hex 281A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

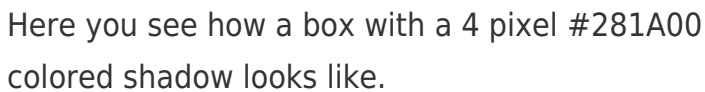
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281A00 }
```

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

```
.border{ border-color:#281A00 }
```

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



Here you see how a box with a 4 pixel #281A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281A00; -webkit-box-shadow:4px 4px  
4px 4px #281A00; box-shadow:4px 4px 4px  
4px #281A00 }
```

Background

The CSS property to change the background color of an element to Hex 281A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281A00 }
```

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

```
.background{ background-color:#281A00 }
```

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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