

Converting Colors

Hex(281816)

Have a look what the booklet for
Hex(281816) contains.

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Color

Hex(281816)

Conversions

Conversions Part 1

Format	Color
Hex	281816
RGB	40, 24, 22
RGB Percent	16%, 9%, 9%
CMY	0.8431, 0.9059, 0.9137
CMYK	0.00, 0.40, 0.45, 0.84
HSL	7°, 29%, 12%
HSV	7°, 45%, 16%
XYZ	1.3465, 1.1623, 0.9124
YIQ	28.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

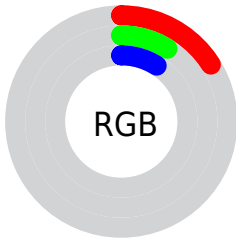
Format	Color
RYB	40, 24, 22
Decimal	2627606
CIELab	10.28, 7.72, 4.67
CIELCh	10, 9.024, 31.141
Yxy	1.1623, 0.3936, 0.3397
Android (android.graphics.Color)	4280817686 (0xFF281816)
YUV	28.5560, -3.2321, 10.0364
Hunter-Lab	10.7811, 3.4273, 2.5288

Details

The Hex color **281816** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162628**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **564340**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281412**, and if you desaturate by 10%, it is **281C1A**.

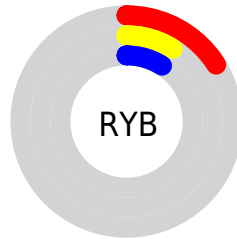
Distribution



Red (16%)

Green (9%)

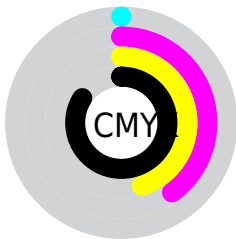
Blue (9%)



Red (16%)

Yellow (9%)

Blue (9%)

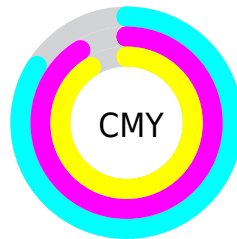


Cyan (0%)

Magenta (40%)

Yellow (45%)

Black (84%)



Cyan (84%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281816 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 281816 by changing the saturation by 10% instead.

■ 281816

■ 281816

■ FFFBF7

■ 130000

■ 564340

■ 000000

■ 6E5A58

■ 887370

■ A28C89

■ BEA7A4

■ D9C2BF

■ F6DEDB

■ 281816

■ 281816

■ 281412

■ 281C1A

■ 28110E

■ 281F1E

■ 280D0A

■ 282322

■ 280A06

■ 282626

■ 280602

■ 282A2A

■ 280400

■ 282D2E

■ 283132

■ 283436

■ 28383A

Harmonies

Analogous

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



28181C



281816



251A11

Triad

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



281816



131F16



141D28

Complementary

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



281816



162628

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.



0C1E27



281816



0C1F1C

Square

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



281816



1A1E11



091F22



1D1A26

Rectangle

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



281816



221B0F



091F22



111D28

Sweetspot

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



281816



332D2C



281626



1A1615



999999



1A1A1A

Same Dimension

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



281816



331B17



282116



141312



540900



D41800

Inverse Universe

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



162628



173033



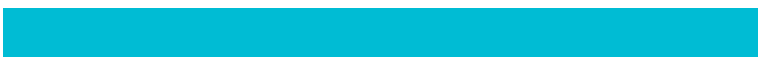
161D28



121414



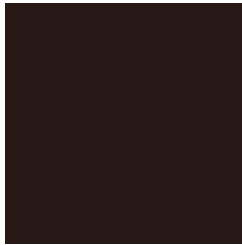
004B54



00BCD4

Previews

White Background



This preview shows how the Hex color 281816 looks on a white background.

Color Contrast Check

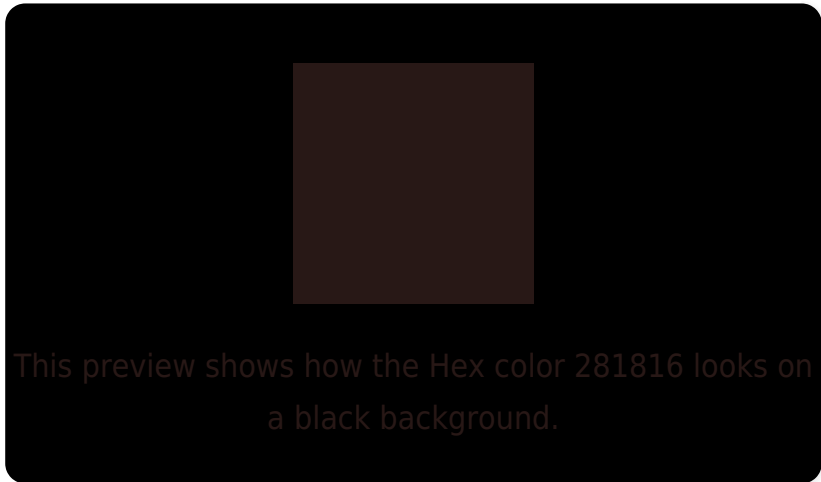
Large Text (above 18pt) WCAG AA ✓ Pass

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

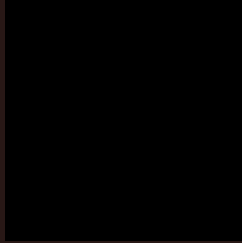
Any Text WCAG AA × Fail

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 281816 Background



This preview shows how black text looks on a background with the Hex color 281816.

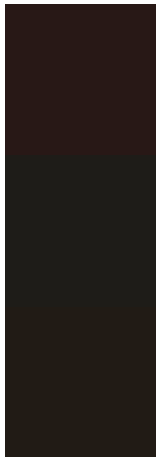


This preview shows how white text looks on a background with the Hex color 281816.

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
281816

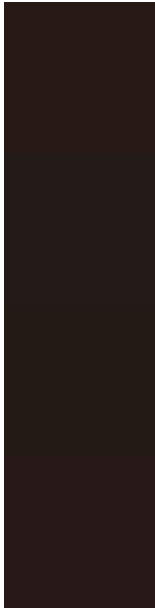
Protanopia
1E1C18

Deuteranopia
211B15



Tritanopia
281819

Trichromacy



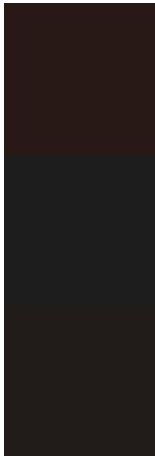
Original Color
281816

Protanomaly
221B17

Deuteranomaly
241A15

Tritanomaly
281818

Monochromacy



Original Color
281816

Achromatopsia
1D1D1D

Achromatomaly
211B1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 281816 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 #281816 looks like.

```
.text, #text, p{  
    color:#281816  
}
```

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 #281816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281816
}
```

Border

The CSS property to change the border of an element to Hex 281816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

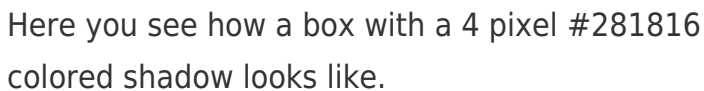
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281816 }
```

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

```
.border{ border-color:#281816 }
```

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



Here you see how a box with a 4 pixel #281816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281816; -webkit-box-shadow:4px 4px  
4px 4px #281816; box-shadow:4px 4px 4px  
4px #281816 }
```

Background

The CSS property to change the background color of an element to Hex 281816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281816 }
```

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

```
.background{ background-color:#281816 }
```

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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