

Converting Colors

Hex(281716)

Have a look what the booklet for
Hex(281716) contains.

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Color

Hex(281716)

Conversions

Conversions Part 1

Format	Color
Hex	281716
RGB	40, 23, 22
RGB Percent	16%, 9%, 9%
CMY	0.8431, 0.9098, 0.9137
CMYK	0.00, 0.42, 0.45, 0.84
HSL	3°, 29%, 12%
HSV	3°, 45%, 16%
XYZ	1.3263, 1.1218, 0.9057
YIQ	27.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

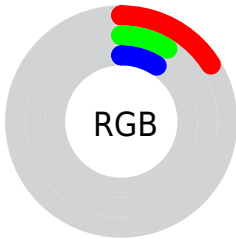
Format	Color
RYB	40, 23, 22
Decimal	2627350
CIELab	9.97, 8.45, 4.23
CIELCh	10, 9.446, 26.613
Yxy	1.1218, 0.3955, 0.3345
Android (android.graphics.Color)	4280817430 (0xFF281716)
YUV	27.9690, -2.9427, 10.5512
Hunter-Lab	10.5917, 3.8163, 2.3443

Details

The Hex color **281716** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162728**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **564240**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281312**, and if you desaturate by 10%, it is **281B1A**.

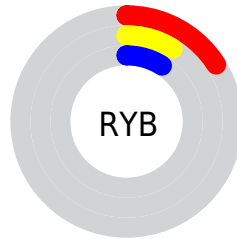
Distribution



Red (16%)

Green (9%)

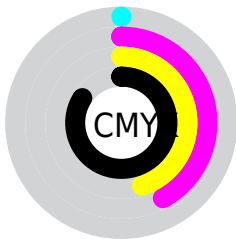
Blue (9%)



Red (16%)

Yellow (9%)

Blue (9%)

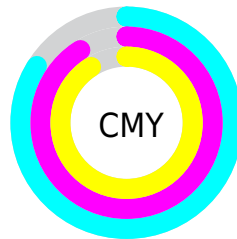


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (84%)



Cyan (84%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281716 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 281716 by changing the saturation by 10% instead.

■ 281716

■ 281716

■ FFF9F7

■ 130000

■ 564240

■ 000000

■ 6F5958

■ 887270

■ A38B89

■ BEA6A4

■ DAC1BF

■ F6DDDB

■ 281716

■ 281716

■ 281312

■ 281B1A

■ 280F0E

■ 281F1E

■ 280C0A

■ 282222

■ 280806

■ 282626

■ 280402

■ 282A2A

■ 280200

■ 282E2E

■ 283132

■ 283536

■ 28393A

Harmonies

Analogous

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



27171C



281716



261910

Triad

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



281716



131E14



121C28

Complementary

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



281716



162728

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.



091E26



281716



0B1F1A

Square

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



281716



1A1D0F



071F21



1B1A27

Rectangle

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



281716



231A0E



071F21



0F1D28

Sweetspot

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



281716



332C2C



281627



1A1515



999999



1A1A1A

Same Dimension

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



281716



331917



282016



141212



540500



D40C00

Inverse Universe

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



162728



173133



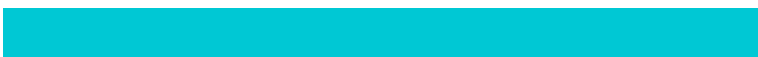
161E28



121414



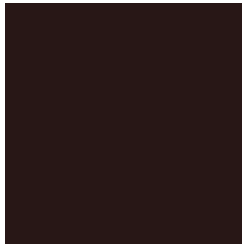
004F54



00C8D4

Previews

White Background



This preview shows how the Hex color 281716 looks on a white background.

Color Contrast Check

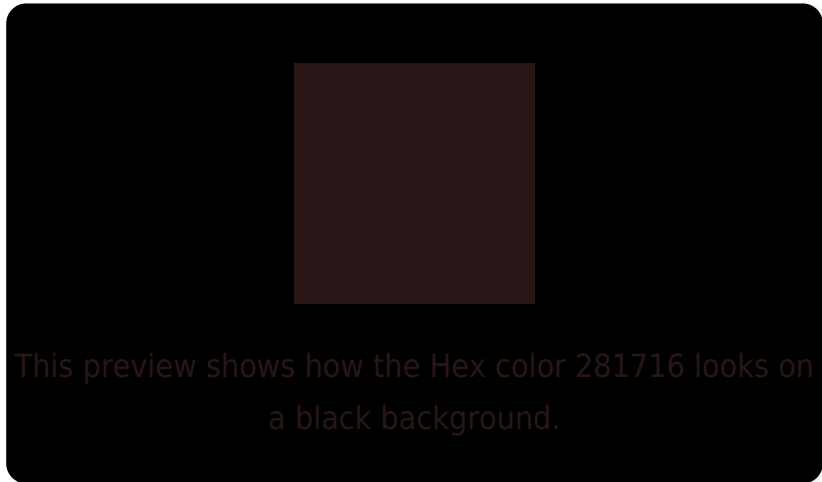
Large Text (above 18pt) WCAG AA ✓ Pass

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

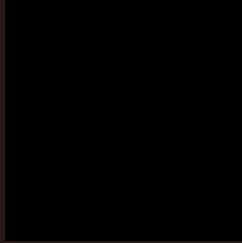
Any Text WCAG AA × Fail

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 281716 Background



This preview shows how black text looks on a background with the Hex color 281716.

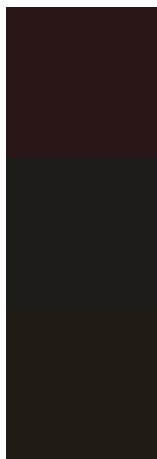


This preview shows how white text looks on a background with the Hex color 281716.

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
281716

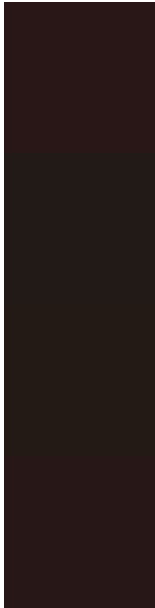
Protanopia
1D1C18

Deuteranopia
211B15



Tritanopia
281718

Trichromacy



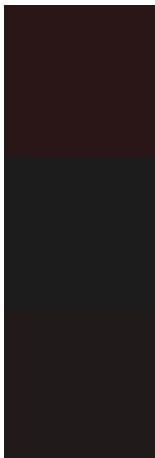
Original Color
281716

Protanomaly
211A17

Deuteranomaly
241A15

Tritanomaly
281717

Monochromacy



Original Color
281716

Achromatopsia
1C1C1C

Achromatomaly
201A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 281716 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 #281716 looks like.

```
.text, #text, p{  
    color:#281716  
}
```

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 #281716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281716
}
```

Border

The CSS property to change the border of an element to Hex 281716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

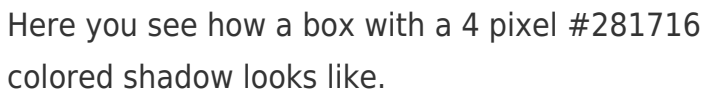
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281716 }
```

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

```
.border{ border-color:#281716 }
```

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



Here you see how a box with a 4 pixel #281716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281716; -webkit-box-shadow:4px 4px  
4px 4px #281716; box-shadow:4px 4px 4px  
4px #281716 }
```

Background

The CSS property to change the background color of an element to Hex 281716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281716 }
```

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

```
.background{ background-color:#281716 }
```

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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