

Converting Colors

Hex(281916)

Have a look what the booklet for
Hex(281916) contains.

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Color

Hex(281916)

Conversions

Conversions Part 1

Format	Color
Hex	281916
RGB	40, 25, 22
RGB Percent	16%, 10%, 9%
CMY	0.8431, 0.9020, 0.9137
CMYK	0.00, 0.38, 0.45, 0.84
HSL	10°, 29%, 12%
HSV	10°, 45%, 16%
XYZ	1.3675, 1.2043, 0.9194
YIQ	29.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

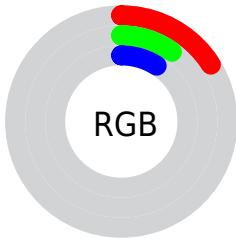
Format	Color
RYB	40, 26, 22
Decimal	2627862
CIELab	10.59, 7.00, 5.11
CIElCh	11, 8.666, 36.102
Yxy	1.2043, 0.3917, 0.3449
Android (android.graphics.Color)	4280817942 (0xFF281916)
YUV	29.1430, -3.5215, 9.5216
Hunter-Lab	10.9741, 3.0389, 2.7144

Details

The Hex color **281916** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **162528**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **564440**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281612**, and if you desaturate by 10%, it is **281C1A**.

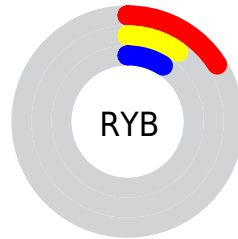
Distribution



Red (16%)

Green (10%)

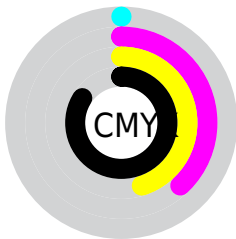
Blue (9%)



Red (16%)

Yellow (10%)

Blue (9%)

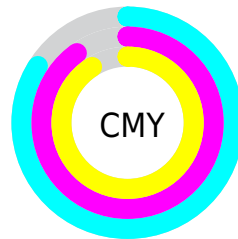


Cyan (0%)

Magenta (38%)

Yellow (45%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281916 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 281916 by changing the saturation by 10% instead.

■ 281916

■ 281916

■ FFFCF7

■ 130000

■ 564440

■ 000000

■ 6E5C58

■ 887470

■ A28E89

■ BDA8A4

■ D9C3BF

■ F6DFDB

■ 281916

■ 281916

■ 281612

■ 281C1A

■ 28120E

■ 28201E

■ 280F0A

■ 282322

■ 280C06

■ 282626

■ 280802

■ 282A2A

■ 280700

■ 282D2E

■ 283032

■ 283436

■ 28373A

Harmonies

Analogous

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



28181C



281916



251B12

Triad

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



281916



122018



171D28

Complementary

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



281916



162528

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.



0F1F27



281916



0D201E

Square

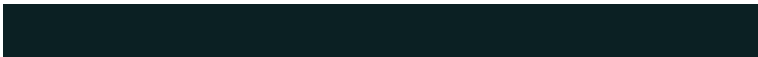
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



281916



191E13



0B2023



1F1B26

Rectangle

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



281916



221C10



0B2023



141D28

Sweetspot

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



281916



332D2C



281625



1A1615



999999



1A1A1A

Same Dimension

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



281916



331C17



282216



141312



540E00



D42300

Inverse Universe

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



162528



172E33



161C28



121414



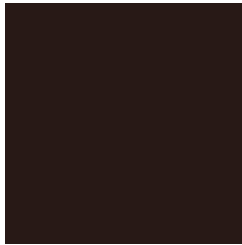
004654



00B0D4

Previews

White Background



This preview shows how the Hex color 281916 looks on a white background.

Color Contrast Check

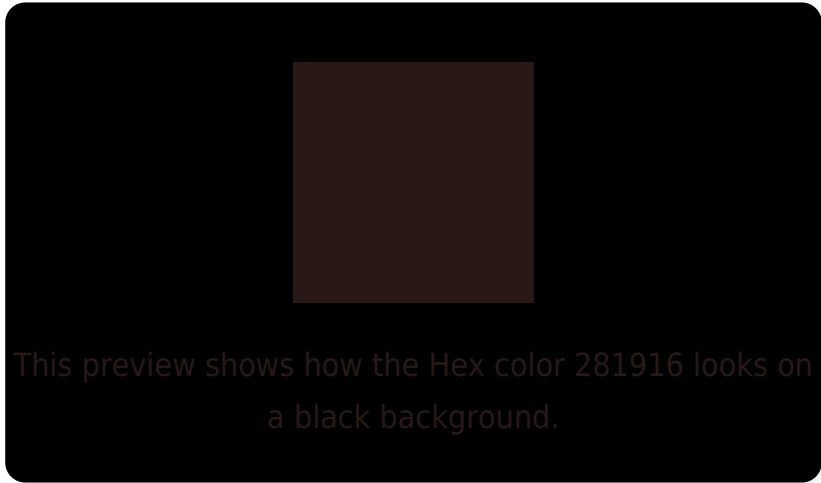
Large Text (above 18pt) WCAG AA ✓ Pass

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

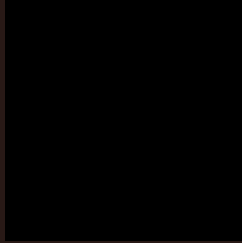
Any Text WCAG AA × Fail

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 281916 Background



This preview shows how black text looks on a background with the Hex color 281916.

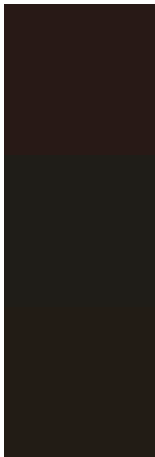


This preview shows how white text looks on a background with the Hex color 281916.

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
281916

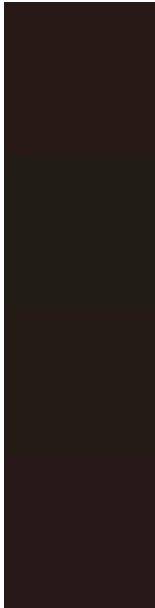
Protanopia
1F1D18

Deuteranopia
221C15



Tritanopia
28181A

Trichromacy



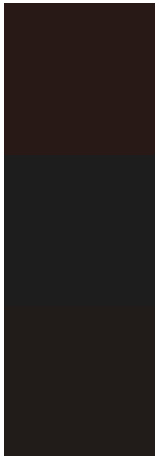
Original Color
281916

Protanomaly
221C17

Deuteranomaly
241B15

Tritanomaly
281819

Monochromacy



Original Color
281916

Achromatopsia
1D1D1D

Achromatomaly
211C1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 281916 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 #281916 looks like.

```
.text, #text, p{  
    color:#281916  
}
```

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 #281916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281916
}
```

Border

The CSS property to change the border of an element to Hex 281916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

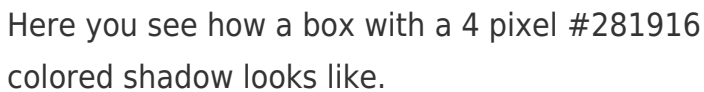
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281916 }
```

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

```
.border{ border-color:#281916 }
```

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



Here you see how a box with a 4 pixel #281916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281916; -webkit-box-shadow:4px 4px  
4px 4px #281916; box-shadow:4px 4px 4px  
4px #281916 }
```

Background

The CSS property to change the background color of an element to Hex 281916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281916 }
```

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

```
.background{ background-color:#281916 }
```

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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