

Converting Colors

Hex(281B17)

Have a look what the booklet for
Hex(281B17) contains.

Hex(281B17)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(281B17)

Conversions

Conversions Part 1

Format	Color
Hex	281B17
RGB	40, 27, 23
RGB Percent	16%, 11%, 9%
CMY	0.8431, 0.8941, 0.9098
CMYK	0.00, 0.33, 0.42, 0.84
HSL	14°, 27%, 12%
HSV	14°, 42%, 16%
XYZ	1.4217, 1.2968, 0.9860
YIQ	30.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

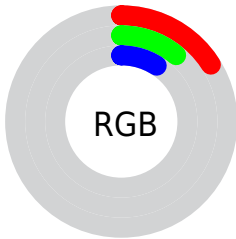
Format	Color
R_YB	40, 28, 23
Decimal	2628375
CIE Lab	11.25, 5.72, 5.30
CIE LCh	11, 7.801, 42.814
Yxy	1.2968, 0.3838, 0.3501
Android (android.graphics.Color)	4280818455 (0xFF281B17)
YUV	30.4310, -3.6635, 8.3920
Hunter-Lab	11.3879, 2.3550, 2.8380

Details

The Hex color **281B17** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **172428**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **564642**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281813**, and if you desaturate by 10%, it is **281E1B**.

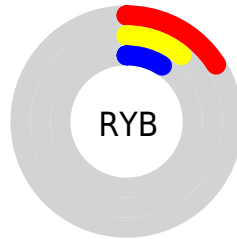
Distribution



 Red (16%)

 Green (11%)

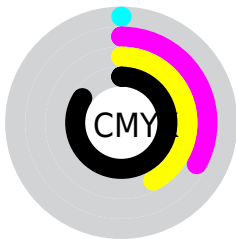
 Blue (9%)



 Red (16%)

 Yellow (11%)

 Blue (9%)

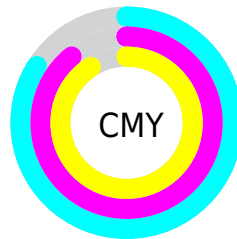


 Cyan (0%)

 Magenta (33%)

 Yellow (42%)

 Black (84%)



 Cyan (84%)

 Magenta (89%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281B17 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 281B17 by changing the saturation by 10% instead.

 281B17

 281B17

 FFFFF9

 130000

 564642

 000000

 6E5E59

 887771

 A2908B

 BDABA5

 D9C6C0

 F6E2DC

 281B17

 281B17

■ 281813

■ 281E1B

■ 28150F

■ 28211F

■ 28120B

■ 282423

■ 280F07

■ 282727

■ 280C03

■ 282A2B

■ 280900

■ 282D2F

■ 283033

■ 283337

■ 28373B

Harmonies

Analogous

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



291A1C



281B17



251D14

Triad

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



281B17



14211B



1B1E28

Complementary

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



281B17



172428

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.



141F28



281B17



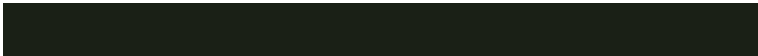
0F2120

Square

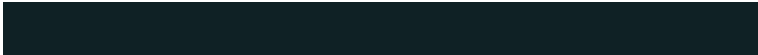
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



281B17



1A2016



0F2125



221C26

Rectangle

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



281B17



211E13



0F2125



181E29

Sweetspot

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



281B17



332E2C



281724



1A1615



999999



1A1A1A

Same Dimension

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



281B17



331F19



282317



141312



541400



D43200

Inverse Universe

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



172428



192D33



171C28



121414



004054



00A2D4

Previews

White Background



This preview shows how the Hex color 281B17 looks on a white background.

Color Contrast Check

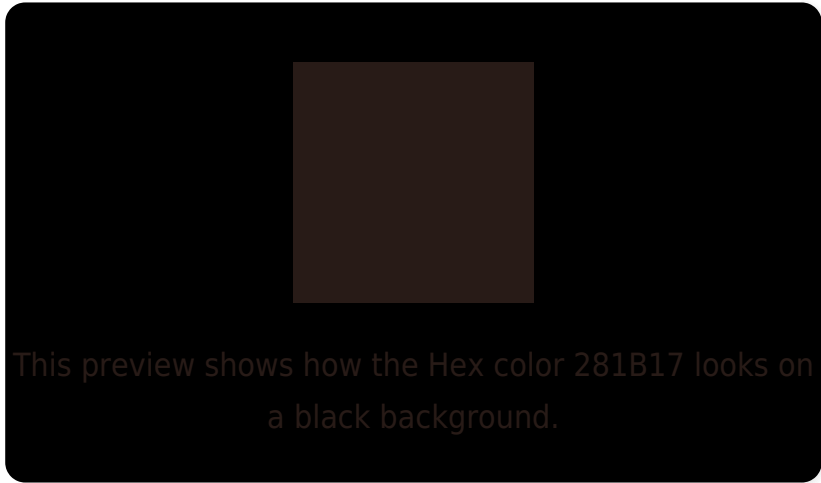
Large Text (above 18pt) WCAG AA ✓ Pass

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

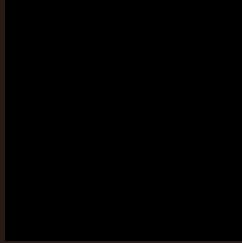
Any Text WCAG AA × Fail

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 281B17 Background



This preview shows how black text looks on a background with the Hex color 281B17.



This preview shows how white text looks on a background with the Hex color 281B17.

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

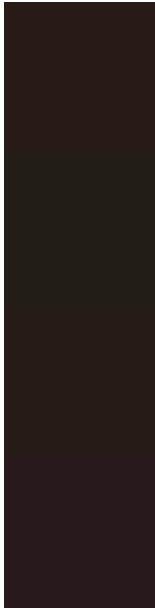


Original Color
281B17

Protanopia
201E18

Deuteranopia
241D17

Trichromacy



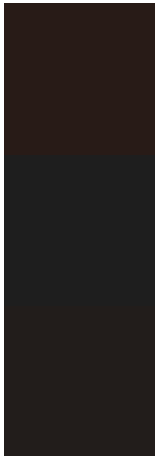
Original Color
281B17

Protanomaly
231D18

Deuteranomaly
251C17

Tritanomaly
281A1A

Monochromacy



Original Color
281B17

Achromatopsia
1E1E1E

Achromatomaly
221D1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 281B17 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 #281B17 looks like.

```
.text, #text, p{  
    color:#281B17  
}
```

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 #281B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281B17  
}
```

Border

The CSS property to change the border of an element to Hex 281B17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

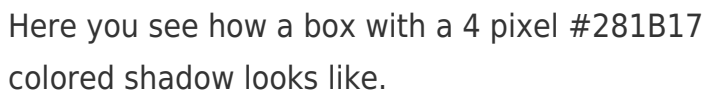
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#281B17 }
```

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

```
.border{ border-color:#281B17 }
```

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



Here you see how a box with a 4 pixel #281B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281B17; -webkit-box-shadow:4px 4px  
4px 4px #281B17; box-shadow:4px 4px 4px  
4px #281B17 }
```

Background

The CSS property to change the background color of an element to Hex 281B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281B17 }
```

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

```
.background{ background-color:#281B17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor