

Converting Colors

Hex(281B1F)

Have a look what the booklet for
Hex(281B1F) contains.

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Color

Hex(281B1F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 281B1F |
| RGB | 40, 27, 31 |
| RGB Percent | 16%, 11%, 12% |
| CMY | 0.8431, 0.8941, 0.8784 |
| CMYK | 0.00, 0.33, 0.22, 0.84 |
| HSL | 342°, 19%, 13% |
| HSV | 342°, 32%, 16% |
| XYZ | 1.5143, 1.3339, 1.4740 |
| YIQ | 31.3430, 6.4640, 4.0000 |

Conversions

Conversions Part 2

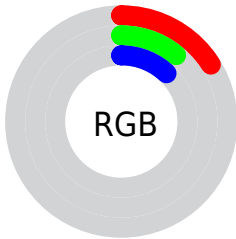
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 40, 27, 31 |
| Decimal | 2628383 |
| CIE Lab | 11.51, 7.23, -0.23 |
| CIE LCh | 12, 7.238, 358.149 |
| Yxy | 1.3339, 0.3504, 0.3086 |
| Android (android.graphics.Color) | 4280818463 (0xFF281B1F) |
| YUV | 31.3430, -0.1691, 7.5922 |
| Hunter-Lab | 11.5495, 3.1926, 0.5179 |

Details

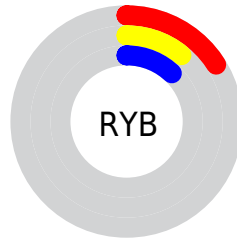
The Hex color **281B1F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2824**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **55464B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **28171C**, and if you desaturate by 10%, it is **281F22**.

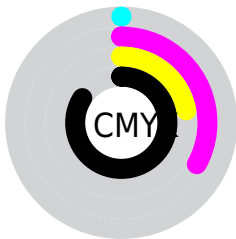
Distribution



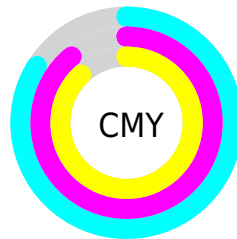
- Red (16%)
- Green (11%)
- Blue (12%)



- Red (16%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (84%)



- Cyan (84%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281B1F 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 281B1F by changing the saturation by 10% instead.

■ 281B1F

■ 281B1F

FFFFFF

■ 150006

■ 55464B

■ 000000

■ 6E5E62

■ 87777B

■ A19095

■ BCABB0

■ D8C6CB

■ F5E2E7

■ 281B1F

■ 281B1F

■ 28171C

■ 281F22

■ 281319

■ 282325

■ 280F17

■ 282727

■ 280B14

■ 282B2A

■ 280711

■ 282F2D

■ 28030E

■ 283330

■ 28000C

■ 283732

■ 283B35

■ 283F38

Harmonies

Analogous

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



251C24



281B1F



291B1A

Triad

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



281B1F



1D2016



132027

Complementary

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



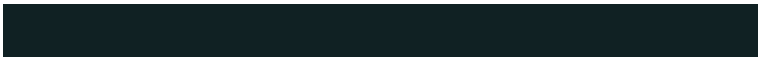
281B1F



1B2824

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.



102123



281B1F



182119

Square

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



281B1F



231E15



13211E



181F28

Rectangle

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



281B1F



281C17



13211E



112126

Sweetspot

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



281B1F



332E2F



241B28



1A1617



999999



1A1A1A

Same Dimension

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



281B1F



331F25



281D1B



141213



54001A



D40041

Inverse Universe

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



281B1F



331F25



1B2628



141213



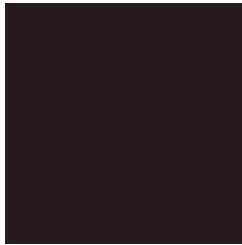
54001A



D40041

Previews

White Background



This preview shows how the Hex color 281B1F looks on a white background.

Color Contrast Check

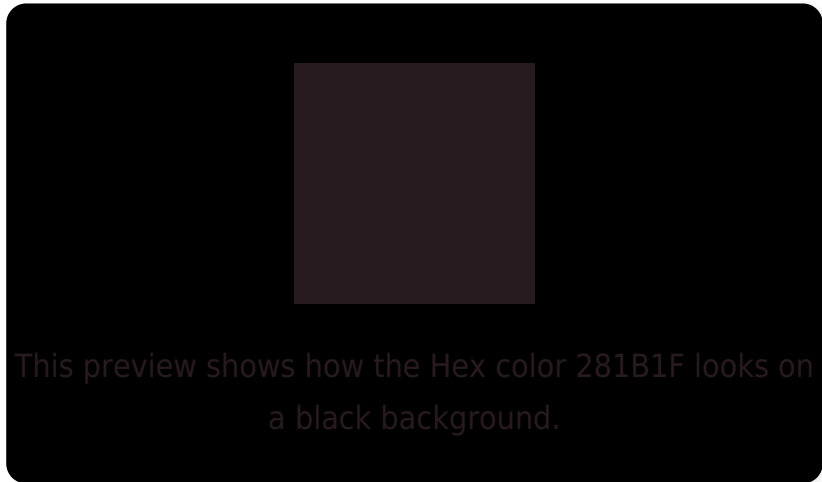
Large Text (above 18pt) WCAG AA ✓ Pass

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

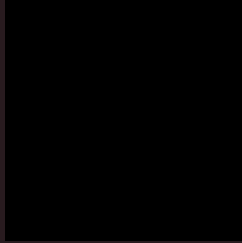
Any Text WCAG AA × Fail

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 281B1F Background



This preview shows how black text looks on a background with the Hex color 281B1F.

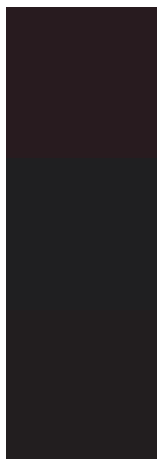


This preview shows how white text looks on a background with the Hex color 281B1F.

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
281B1F

Protanopia
1F1F21

Deuteranopia
221E1F



Tritanopia
281B1D

Trichromacy



Original Color

281B1F

Protanomaly

221E20

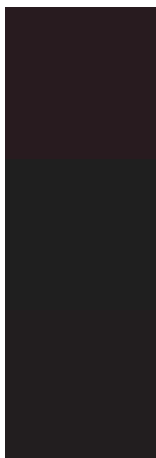
Deuteranomaly

241D1F

Tritanomaly

281B1E

Monochromacy



Original Color

281B1F

Achromatopsia

1F1F1F

Achromatomaly

221E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 281B1F 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 #281B1F looks like.

```
.text, #text, p{  
    color:#281B1F  
}
```

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 #281B1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281B1F
}
```

Border

The CSS property to change the border of an element to Hex 281B1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

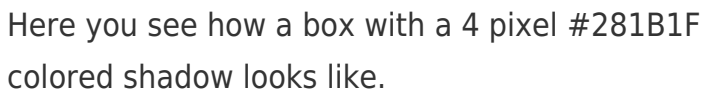
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281B1F }
```

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

```
.border{ border-color:#281B1F }
```

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



Here you see how a box with a 4 pixel #281B1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281B1F; -webkit-box-shadow:4px 4px  
4px 4px #281B1F; box-shadow:4px 4px 4px  
4px #281B1F }
```

Background

The CSS property to change the background color of an element to Hex 281B1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281B1F }
```

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

```
.background{ background-color:#281B1F }
```

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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