

Converting Colors

Hex(281E25)

Have a look what the booklet for
Hex(281E25) contains.

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Color

Hex(281E25)

Conversions

Conversions Part 1

Format	Color
Hex	281E25
RGB	40, 30, 37
RGB Percent	16%, 12%, 15%
CMY	0.8431, 0.8824, 0.8549
CMYK	0.00, 0.25, 0.07, 0.84
HSL	318°, 14%, 14%
HSV	318°, 25%, 16%
XYZ	1.6733, 1.5132, 1.9542
YIQ	33.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

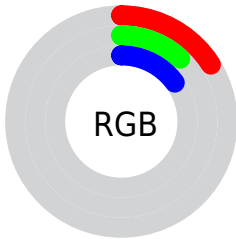
Format	Color
R_{YB}	40, 30, 37
Decimal	2629157
CIE _{Lab}	12.69, 6.40, -2.89
CIE _{LCh}	13, 7.023, 335.658
Yxy	1.5132, 0.3255, 0.2944
Android (android.graphics.Color)	4280819237 (0xFF281E25)
YUV	33.7880, 1.5835, 5.4479
Hunter-Lab	12.3014, 2.7528, -0.8077

Details

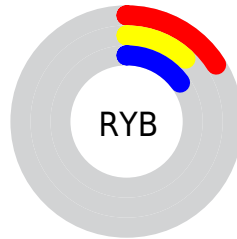
The Hex color **281E25** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2821**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **554A52**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281A24**, and if you desaturate by 10%, it is **282226**.

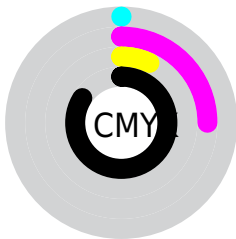
Distribution



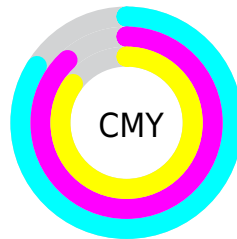
- Red (16%)
- Green (12%)
- Blue (15%)



- Red (16%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (84%)



- Cyan (84%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281E25 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 281E25 by changing the saturation by 10% instead.

■ 281E25

■ 281E25

FFFFFF

■ 140510

■ 554A52

■ 000000

■ 6D616A

■ 877A83

■ A1949D

■ BCAFB8

■ D8CAD3

■ F4E6F0

■ 281E25

■ 281E25

■ 281A24

■ 282226

■ 281623

■ 282627

■ 281221

■ 282A29

■ 280E20

■ 282E2A

■ 280A1F

■ 28322B

■ 28061E

■ 28362C

■ 28021D

■ 283A2D

■ 28001C

■ 283E2F

■ 284230

Harmonies

Analogous

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



231F29



281E25



2B1D20

Triad

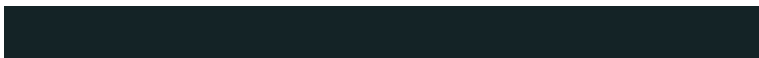
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



281E25



242117



142326

Complementary

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



281E25



1E2821

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.



152422



281E25



1E2219

Square

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



281E25



281F18



19231D



17222A

Rectangle

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



281E25



2B1E1D



19231D



132425

Sweetspot

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



281E25



332F32



211E28



1A1719



999999



1A1A1A

Same Dimension

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



281E25



33242E



281E20



141214



54003B



D40094

Inverse Universe

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



281E25



33242E



1E2826



141214



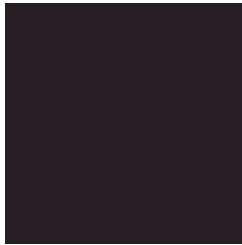
54003B



D40094

Previews

White Background



This preview shows how the Hex color 281E25 looks on a white background.

Color Contrast Check

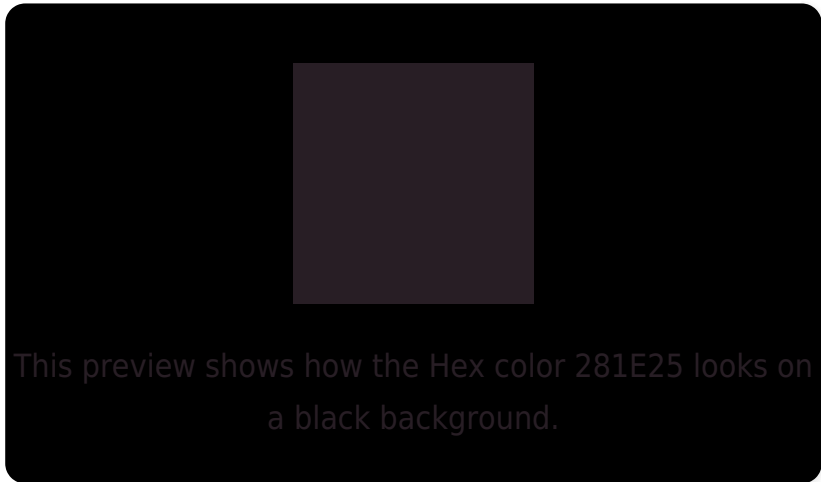
Large Text (above 18pt) WCAG AA ✓ Pass

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

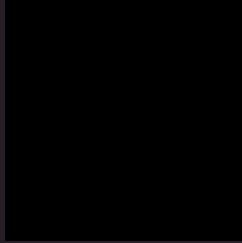
Any Text WCAG AA × Fail

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 281E25 Background



This preview shows how black text looks on a background with the Hex color 281E25.

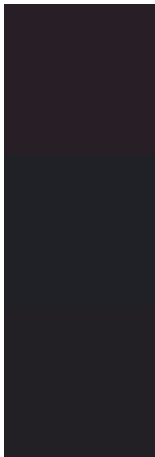


This preview shows how white text looks on a background with the Hex color 281E25.

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
281E25

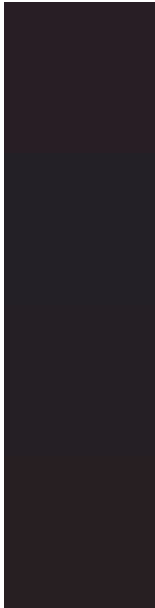
Protanopia
202127

Deuteranopia
232025



Tritanopia
271F21

Trichromacy



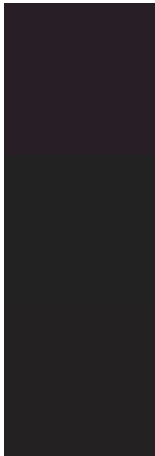
Original Color
281E25

Protanomaly
232026

Deuteranomaly
251F25

Tritanomaly
271F22

Monochromacy



Original Color
281E25

Achromatopsia
222222

Achromatomaly
242123

CSS Examples

Text

The CSS property to change the color of the text to Hex 281E25 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 #281E25 looks like.

```
.text, #text, p{  
    color:#281E25  
}
```

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 #281E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281E25  
}
```

Border

The CSS property to change the border of an element to Hex 281E25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

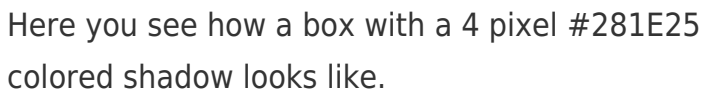
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#281E25 }
```

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

```
.border{ border-color:#281E25 }
```

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



Here you see how a box with a 4 pixel #281E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281E25; -webkit-box-shadow:4px 4px  
4px 4px #281E25; box-shadow:4px 4px 4px  
4px #281E25 }
```

Background

The CSS property to change the background color of an element to Hex 281E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281E25 }
```

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

```
.background{ background-color:#281E25 }
```

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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