

Converting Colors

Hex(281757)

Have a look what the booklet for
Hex(281757) contains.

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Color

Hex(281757)

Conversions

Conversions Part 1

Format	Color
Hex	281757
RGB	40, 23, 87
RGB Percent	16%, 9%, 34%
CMY	0.8431, 0.9098, 0.6588
CMYK	0.54, 0.74, 0.00, 0.66
HSL	256°, 58%, 22%
HSV	256°, 74%, 34%
XYZ	2.9018, 1.7520, 9.2021
YIQ	35.3790, -10.4120, 23.5080

Conversions

Conversions Part 2

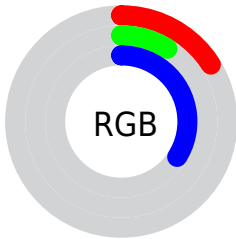
Format	Color
RYB	40, 23, 87
Decimal	2627415
CIELab	14.13, 26.41, -35.82
CIELCh	14, 44.505, 306.397
Yxy	1.7520, 0.2094, 0.1264
Android (android.graphics.Color)	4280817495 (0xFF281757)
YUV	35.3790, 25.4492, 4.0526
Hunter-Lab	13.2364, 15.9681, -31.9534




Details

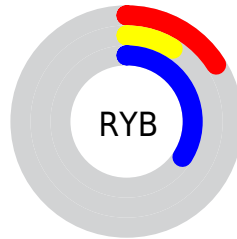
The Hex color **281757** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **465717**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **5A438A**, and **000229** is the 20% darker color. If you saturate the color by 10%, you get **220E57**, and if you desaturate by 10%, it is **2E2057**.

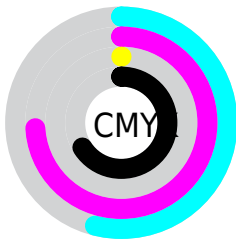
Distribution







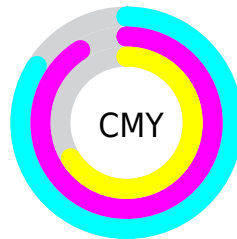
-  Red (16%)
-  Green (9%)
-  Blue (34%)






-  Red (16%)
-  Yellow (9%)
-  Blue (34%)



-  Cyan (54%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (84%)
-  Magenta (91%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281757 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 281757 by changing the saturation by 10% instead.

 281757

 281757

 FFFCFF

 0F003F

 5A438A

 000229

 745BA4

 000112

 8F74BF

 000000

 AA8EDC

 C6A8F8

 E2C4FF

 FFE0FF

 281757

 281757

■ 220E57

■ 2E2057

■ 1B0657

■ 352857

■ 170057

■ 3B3157

■ 423A57

■ 484357

■ 4E4B57

■ 555457

■ 5B5D57

■ 626557

Harmonies

Analogous

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



002763



281757



4C003D

Triad

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



281757



411800



00302A

Complementary

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



281757



465717

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.



002F05



281757



282500

Square

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



281757



520000



012C00



003049

Rectangle

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



281757



560029



012C00



00301F

Sweetspot

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



281757



5E5870



174757



2D2A38



B8B8B8



383838

Same Dimension

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



281757



280D70



471757



28272B



1C006B



3E00EB

Inverse Universe

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



571746



700D56



275717



2B272A



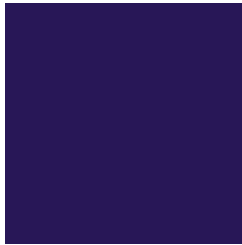
6B004F



EB00AC

Previews

White Background



This preview shows how the Hex color 281757 looks on a white background.

Color Contrast Check

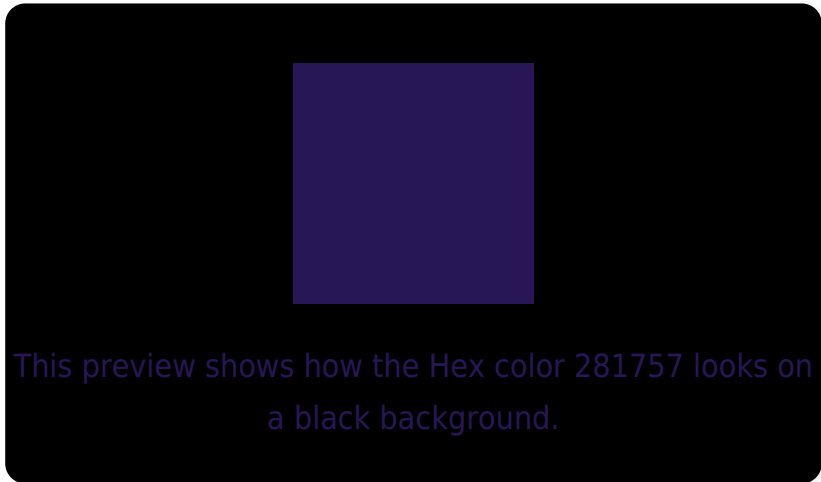
Large Text (above 18pt) WCAG AA ✓ Pass

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

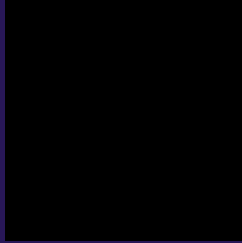
Any Text WCAG AA × Fail

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 281757 Background



This preview shows how black text looks on a background with the Hex color 281757.



This preview shows how white text looks on a background with the Hex color 281757.

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
281757

Protanopia
00234B

Deuteranopia
002640



Tritanopia
19272A

Trichromacy



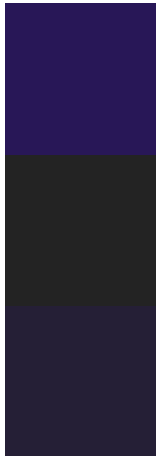
Original Color
281757

Protanomaly
0F1F4F

Deuteranomaly
0F2148

Tritanomaly
1E213A

Monochromacy



Original Color
281757

Achromatopsia
232323

Achromatomaly
251F36

CSS Examples

Text

The CSS property to change the color of the text to Hex 281757 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 #281757 looks like.

```
.text, #text, p{  
    color:#281757  
}
```

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 #281757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281757
}
```

Border

The CSS property to change the border of an element to Hex 281757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

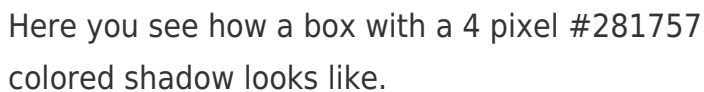
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281757 }
```

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

```
.border{ border-color:#281757 }
```

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



Here you see how a box with a 4 pixel #281757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281757; -webkit-box-shadow:4px 4px  
4px 4px #281757; box-shadow:4px 4px 4px  
4px #281757 }
```

Background

The CSS property to change the background color of an element to Hex 281757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281757 }
```

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

```
.background{ background-color:#281757 }
```

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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