

Converting Colors

Hex(281734)

Have a look what the booklet for
Hex(281734) contains.

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Color

Hex(281734)

Conversions

Conversions Part 1

Format	Color
Hex	281734
RGB	40, 23, 52
RGB Percent	16%, 9%, 20%
CMY	0.8431, 0.9098, 0.7961
CMYK	0.23, 0.56, 0.00, 0.80
HSL	275°, 39%, 15%
HSV	275°, 56%, 20%
XYZ	1.8013, 1.3118, 3.4071
YIQ	31.3890, 0.8230, 12.6230

Conversions

Conversions Part 2

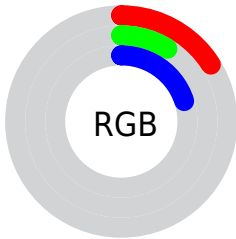
Format	Color
RYB	40, 23, 52
Decimal	2627380
CIELab	11.36, 15.38, -15.85
CIELCh	11, 22.092, 314.137
Yxy	1.3118, 0.2763, 0.2012
Android (android.graphics.Color)	4280817460 (0xFF281734)
YUV	31.3890, 10.1612, 7.5518
Hunter-Lab	11.4536, 8.0289, -9.6195

Details

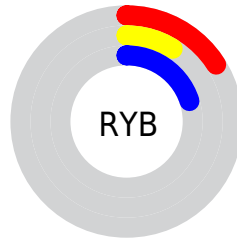
The Hex color **281734** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **233417**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **564263**, and **000002** is the 20% darker color. If you saturate the color by 10%, you get **261234**, and if you desaturate by 10%, it is **2A1C34**.

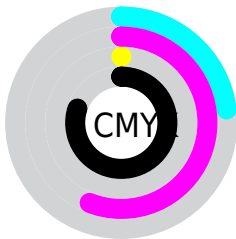
Distribution



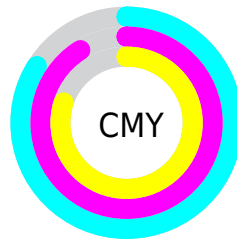
- Red (16%)
- Green (9%)
- Blue (20%)



- Red (16%)
- Yellow (9%)
- Blue (20%)



- Cyan (23%)
- Magenta (56%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281734 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 281734 by changing the saturation by 10% instead.

■ 281734

■ 281734

■ FFFAFF

■ 16001F

■ 564263

■ 000002

■ 6F5A7C

■ 000000

■ 887296

■ A38CB0

■ BEA6CC

■ DAC2E8

■ F6DEFF

■ 281734

■ 281734

■ 261234

■ 2A1C34

■ 240D34

■ 2C2134

■ 220734

■ 2E2734

■ 1F0234

■ 312C34

■ 1E0034

■ 333134

■ 353634

■ 373B34

■ 394134

■ 3B4634

Harmonies

Analogous

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



0D1D3C



281734



351127

Triad

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



281734



2D1A00



002525

Complementary

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



281734



233417

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.



002515



281734



212000

Square

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



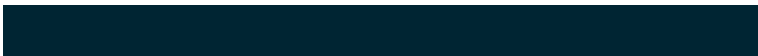
281734



361405



102302



002533

Rectangle

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



281734



390F1D



102302



002520

Sweetspot

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



281734



403945



172334



211D24



A3A3A3



242424

Same Dimension

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



281734



321745



341732



18171A



340059



7F00D9

Inverse Universe

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



341723



45172A



173419



1A1718



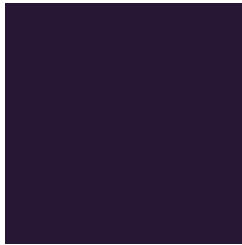
590025



D9005A

Previews

White Background



This preview shows how the Hex color 281734 looks on a white background.

Color Contrast Check

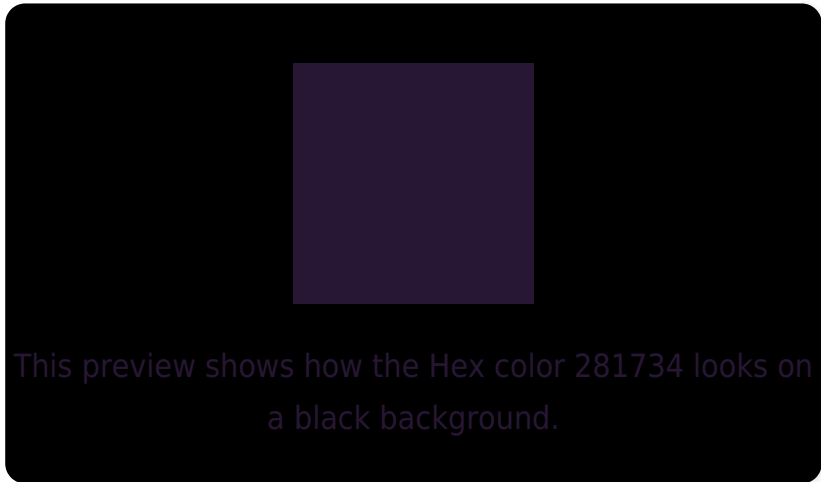
Large Text (above 18pt) WCAG AA ✓ Pass

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

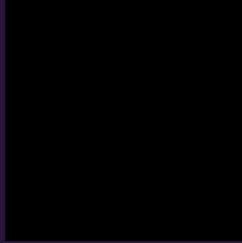
Any Text WCAG AA × Fail

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 281734 Background



This preview shows how black text looks on a background with the Hex color 281734.



This preview shows how white text looks on a background with the Hex color 281734.

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
281734

Protanopia
0E1E3B

Deuteranopia
121F32



Tritanopia
241D1F

Trichromacy



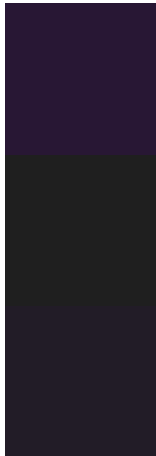
Original Color
281734

Protanomaly
171B38

Deuteranomaly
1A1C33

Tritanomaly
251B27

Monochromacy



Original Color
281734

Achromatopsia
1F1F1F

Achromatomaly
221C27

CSS Examples

Text

The CSS property to change the color of the text to Hex 281734 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 #281734 looks like.

```
.text, #text, p{  
    color:#281734  
}
```

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 #281734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281734
}
```

Border

The CSS property to change the border of an element to Hex 281734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

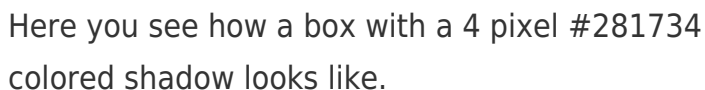
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281734 }
```

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

```
.border{ border-color:#281734 }
```

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



Here you see how a box with a 4 pixel #281734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281734; -webkit-box-shadow:4px 4px  
4px 4px #281734; box-shadow:4px 4px 4px  
4px #281734 }
```

Background

The CSS property to change the background color of an element to Hex 281734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281734 }
```

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

```
.background{ background-color:#281734 }
```

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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