

Converting Colors

Hex(281A4B)

Have a look what the booklet for
Hex(281A4B) contains.

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Color

Hex(281A4B)

Conversions

Conversions Part 1

Format	Color
Hex	281A4B
RGB	40, 26, 75
RGB Percent	16%, 10%, 29%
CMY	0.8431, 0.8980, 0.7059
CMYK	0.47, 0.65, 0.00, 0.71
HSL	257°, 49%, 20%
HSV	257°, 65%, 29%
XYZ	2.5145, 1.6979, 6.8518
YIQ	35.7720, -7.3850, 18.2070

Conversions

Conversions Part 2

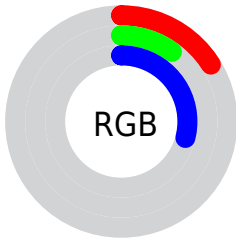
Format	Color
RYB	40, 26, 75
Decimal	2628171
CIELab	13.81, 20.47, -28.15
CIELCh	14, 34.804, 306.031
Yxy	1.6979, 0.2273, 0.1535
Android (android.graphics.Color)	4280818251 (0xFF281A4B)
YUV	35.7720, 19.3394, 3.7080
Hunter-Lab	13.0304, 11.6419, -22.0554

Details

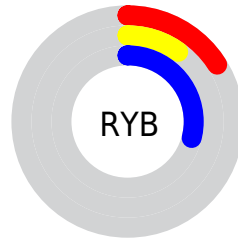
The Hex color **281A4B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3D4B1A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **58467C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **23134B**, and if you desaturate by 10%, it is **2D224B**.

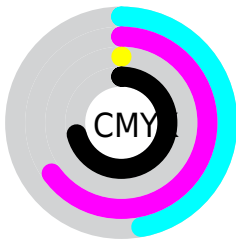
Distribution



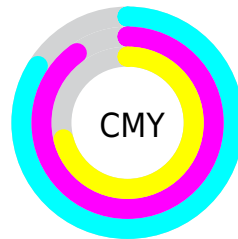
- Red (16%)
- Green (10%)
- Blue (29%)



- Red (16%)
- Yellow (10%)
- Blue (29%)



- Cyan (47%)
- Magenta (65%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281A4B 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 281A4B by changing the saturation by 10% instead.

■ 281A4B

■ 281A4B

FFFFFF

■ 130234

■ 58467C

■ 00021E

■ 725E96

■ 000001

■ 8C77B1

■ 000000

■ A690CD

■ C2ABE9

■ DEC6FF

■ FBE2FF

■ 281A4B

■ 281A4B

■ 23134B

■ 2D224B

■ 1D0B4B

■ 33294B

■ 18044B

■ 38314B

■ 15004B

■ 3D384B

■ 43404B

■ 48474B

■ 4E4F4B

■ 53564B

■ 585E4B

Harmonies

Analogous

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



002554



281A4B



430A37

Triad

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



281A4B



3C1A00



002E28

Complementary

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



281A4B



3D4B1A

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.



002C0D



281A4B



292400

Square

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



281A4B



490C02



0F2900



002D3F

Rectangle

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



281A4B



4B0228



0F2900



002D1F

Sweetspot

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



281A4B



534E61



1A3D4B



282530



B0B0B0



303030

Same Dimension

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



281A4B



2B1561



401A4B



242226



1D0066



4200E6

Inverse Universe

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



4B1A3D



61154B



254B1A



262225



660049



E600A4

Previews

White Background



This preview shows how the Hex color 281A4B looks on a white background.

Color Contrast Check

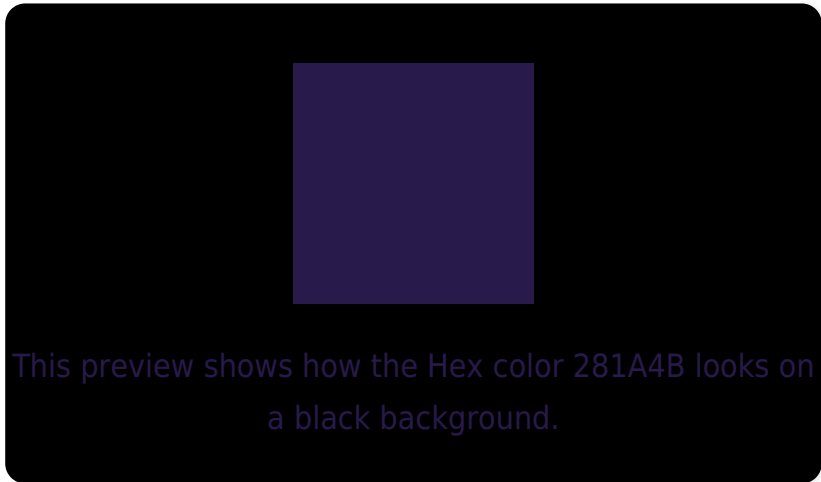
Large Text (above 18pt) WCAG AA ✓ Pass

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

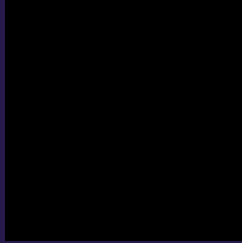
Any Text WCAG AA × Fail

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 281A4B Background



This preview shows how black text looks on a background with the Hex color 281A4B.



This preview shows how white text looks on a background with the Hex color 281A4B.

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
281A4B

Protanopia
002349

Deuteranopia
00253F



Tritanopia
1F2528

Trichromacy



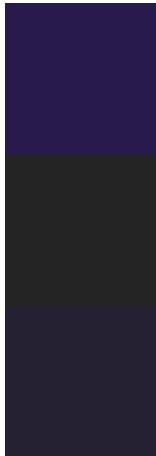
Original Color
281A4B

Protanomaly
0F204A

Deuteranomaly
0F2143

Tritanomaly
222135

Monochromacy



Original Color
281A4B

Achromatopsia
242424

Achromatomaly
252032

CSS Examples

Text

The CSS property to change the color of the text to Hex 281A4B 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 #281A4B looks like.

```
.text, #text, p{  
    color:#281A4B  
}
```

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 #281A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281A4B
}
```

Border

The CSS property to change the border of an element to Hex 281A4B 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".

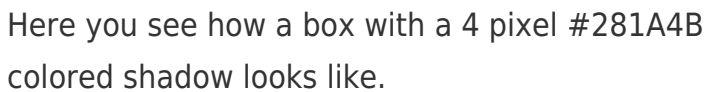
```
.border, #border, table{ border:4px solid
#281A4B }
```

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

```
.border{ border-color:#281A4B }
```

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

Here you see how a box with a 4 pixel #281A4B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281A4B; -webkit-box-shadow:4px 4px  
4px 4px #281A4B; box-shadow:4px 4px 4px  
4px #281A4B }
```

Background

The CSS property to change the background color of an element to Hex 281A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281A4B }
```

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

```
.background{ background-color:#281A4B }
```

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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