

# Converting Colors

Hex(281A03)

Have a look what the booklet for  
Hex(281A03) contains.

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# Color

Hex(281A03)

# Conversions

## Conversions Part 1

Format	Color
Hex	281A03
RGB	40, 26, 3
RGB Percent	16%, 10%, 1%
CMY	0.8431, 0.8980, 0.9882
CMYK	0.00, 0.35, 0.93, 0.84
HSL	37°, 86%, 8%
HSV	37°, 92%, 16%
XYZ	1.2609, 1.1965, 0.2506
YIQ	27.5640, 15.7270, -4.1850

# Conversions

## Conversions Part 2

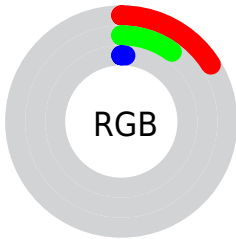
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 40, 3
Decimal	2628099
CIE <sub>Lab</sub>	10.53, 4.00, 14.57
CIE <sub>LCh</sub>	11, 15.113, 74.636
Yxy	1.1965, 0.4656, 0.4418
Android (android.graphics.Color)	4280818179 (0xFF281A03)
YUV	27.5640, -12.1101, 10.9064
Hunter-Lab	10.9384, 1.4341, 6.2983

# Details

The Hex color **281A03** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **031128**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **564531**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281900**, and if you desaturate by 10%, it is **281C07**.

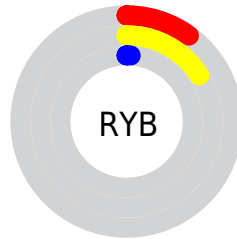
# Distribution



Red (16%)

Green (10%)

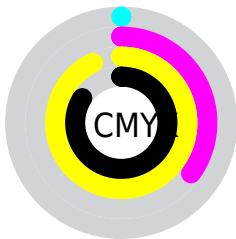
Blue (1%)



Red (10%)

Yellow (16%)

Blue (1%)

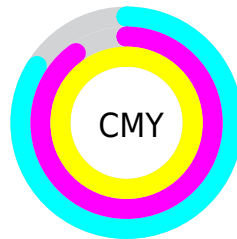


Cyan (0%)

Magenta (35%)

Yellow (93%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 281A03 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 281A03 by changing the saturation by 10% instead.



 281A03

 281A03

 FFFDE4

 0D0000

 564531

 000000

 6F5D48

 887560

 A38F79

 BEA992

 DAC4AD

 F7E0C8

 281A03

 281A03

■ 281900

■ 281C07

■ 281D0B

■ 281F0F

■ 282013

■ 282217

■ 28231B

■ 28251F

■ 282623

■ 282827

# Harmonies

## Analogous

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



2E160D



281A03



1F1D02

# Triad

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



281A03



002221



24182B

# Complementary

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



281A03



031128

# 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.



151C30



281A03



00212B

# Square

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



281A03



032117



001F30



2D1522

# Rectangle

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



281A03



171F08



001F30



1F192D



# Sweetspot

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



281A03



332E25



280311



1A1611



999999



1A1A1A



# Same Dimension

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



281A03



332000



242803



141412



543400



D48400



# Inverse Universe

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



031128



001333



070328



121314



002054

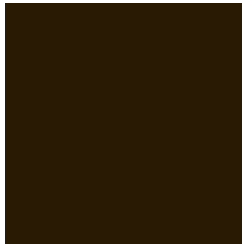


0050D4



# Previews

## White Background



This preview shows how the Hex color 281A03 looks on a white background.

## Color Contrast Check

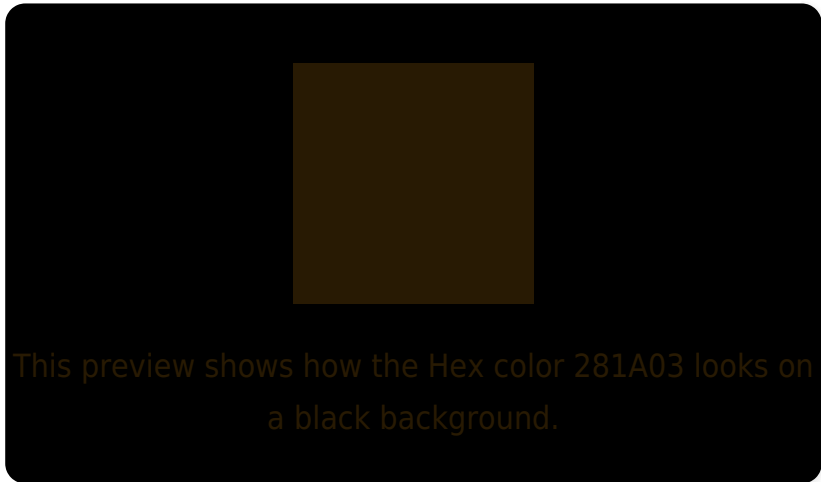
Large Text (above 18pt) WCAG AA ✓ Pass

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

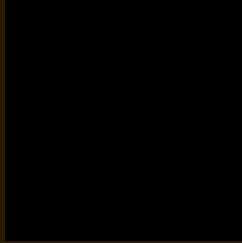
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 281A03 Background



This preview shows how black text looks on a background with the Hex color 281A03.



This preview shows how white text looks on a background with the Hex color 281A03.

# 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**  
281A03

**Protanopia**  
211D04

**Deuteranopia**  
251C00



**Tritanopia**  
29181A

# Trichromacy



**Original Color**  
281A03

**Protanomaly**  
241C04

**Deuteranomaly**  
261B01

**Tritanomaly**  
291912

# Monochromacy



**Original Color**  
281A03

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
201B13

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 281A03 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 #281A03 looks like.

```
.text, #text, p{  
    color:#281A03  
}
```

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 #281A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281A03
}
```

## Border

The CSS property to change the border of an element to Hex 281A03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

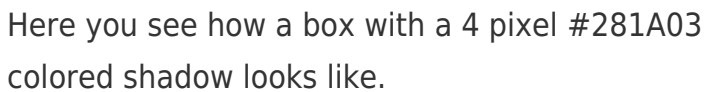
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281A03 }
```

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

```
.border{ border-color:#281A03 }
```

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



Here you see how a box with a 4 pixel #281A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281A03; -webkit-box-shadow:4px 4px  
4px 4px #281A03; box-shadow:4px 4px 4px  
4px #281A03 }
```

# Background

The CSS property to change the background color of an element to Hex 281A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281A03 }
```

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

```
.background{ background-color:#281A03 }
```

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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