

Converting Colors

Hex(281C24)

Have a look what the booklet for
Hex(281C24) contains.

Hex(281C24)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(281C24)

Conversions

Conversions Part 1

Format	Color
Hex	281C24
RGB	40, 28, 36
RGB Percent	16%, 11%, 14%
CMY	0.8431, 0.8902, 0.8588
CMYK	0.00, 0.30, 0.10, 0.84
HSL	320°, 18%, 13%
HSV	320°, 30%, 16%
XYZ	1.6088, 1.4090, 1.8562
YIQ	32.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

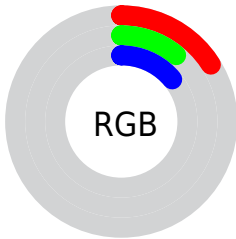
Format	Color
R_{YB}	40, 28, 36
Decimal	2628644
CIE Lab	12.02, 7.61, -3.17
CIE LCh	12, 8.245, 337.404
Yxy	1.4090, 0.3301, 0.2891
Android (android.graphics.Color)	4280818724 (0xFF281C24)
YUV	32.5000, 1.7255, 6.5775
Hunter-Lab	11.8701, 3.4195, -0.9626

Details

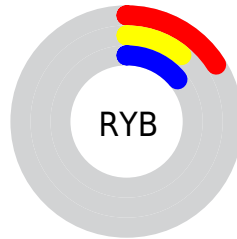
The Hex color **281C24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C2820**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **554750**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **281823**, and if you desaturate by 10%, it is **282025**.

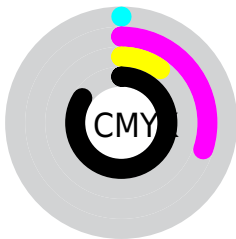
Distribution



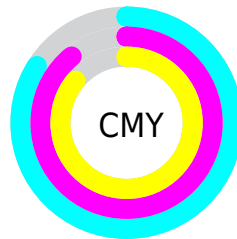
- Red (16%)
- Green (11%)
- Blue (14%)



- Red (16%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (84%)



- Cyan (84%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 281C24 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 281C24 by changing the saturation by 10% instead.

■ 281C24

■ 281C24

FFFFFF

■ 14020F

■ 554750

■ 000000

■ 6E5F68

■ 877882

■ A1929C

■ BCACB6

■ D8C7D2

■ F4E4EE

■ 281C24

■ 281C24

■ 281823

■ 282025

■ 281421

■ 282427

■ 281020

■ 282828

■ 280C1F

■ 282C29

■ 28081D

■ 28302B

■ 28041C

■ 28342C

■ 28001B

■ 28382D

■ 283C2F

■ 284030

Harmonies

Analogous

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



221E29



281C24



2B1B1E

Triad

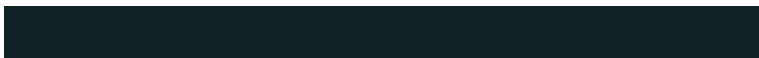
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



281C24



222014



0F2226

Complementary

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



281C24



1C2820

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.



102321



281C24



1C2116

Square

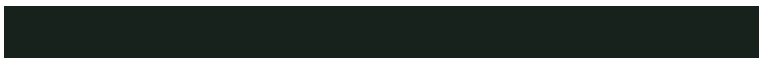
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



281C24



271E15



16221B



13212A

Rectangle

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



281C24



2B1C1B



16221B



0F2325

Sweetspot

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



281C24



332E31



201C28



1A1719



999999



1A1A1A

Same Dimension

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



281C24



33212D



281C1E



141214



540038



D4008D

Inverse Universe

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



281C24



33212D



1C2826



141214



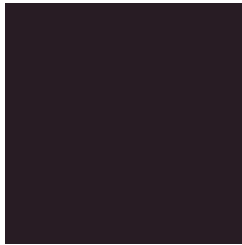
540038



D4008D

Previews

White Background



This preview shows how the Hex color 281C24 looks on a white background.

Color Contrast Check

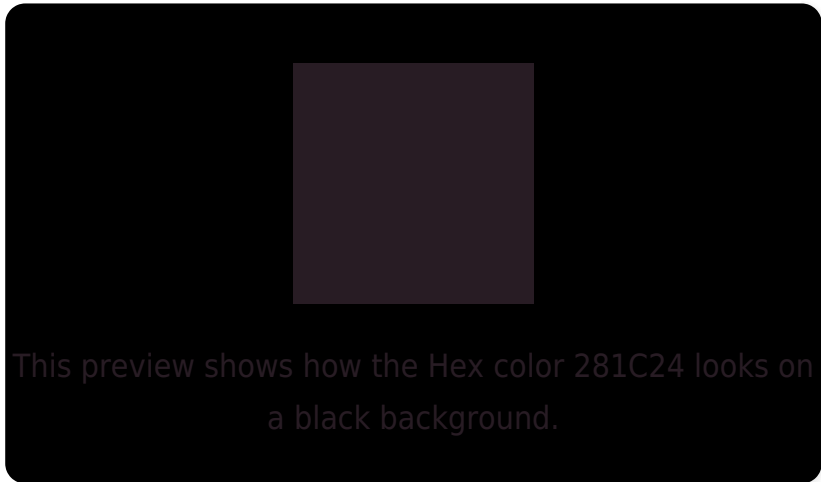
Large Text (above 18pt) WCAG AA ✓ Pass

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

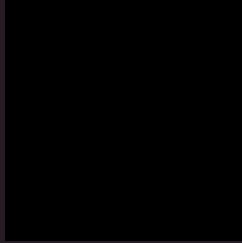
Any Text WCAG AA × Fail

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 281C24 Background



This preview shows how black text looks on a background with the Hex color 281C24.

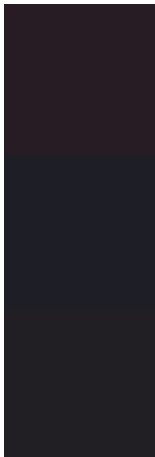


This preview shows how white text looks on a background with the Hex color 281C24.

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
281C24

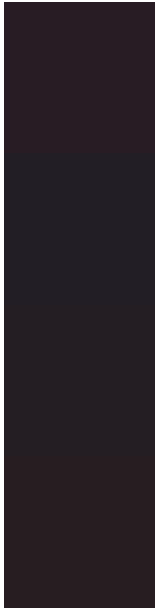
Protanopia
1E1F26

Deuteranopia
211F23



Tritanopia
271D1F

Trichromacy



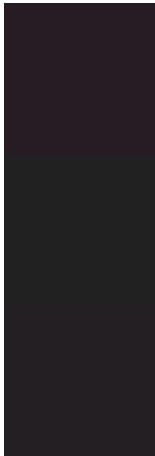
Original Color
281C24

Protanomaly
221E25

Deuteranomaly
241E23

Tritanomaly
271D21

Monochromacy



Original Color
281C24

Achromatopsia
212121

Achromatomaly
241F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 281C24 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 #281C24 looks like.

```
.text, #text, p{  
    color:#281C24  
}
```

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 #281C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #281C24
}
```

Border

The CSS property to change the border of an element to Hex 281C24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

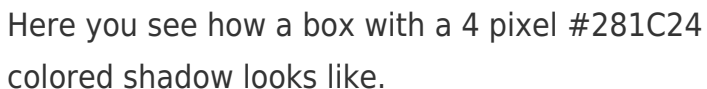
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#281C24 }
```

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

```
.border{ border-color:#281C24 }
```

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



Here you see how a box with a 4 pixel #281C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #281C24; -webkit-box-shadow:4px 4px  
4px 4px #281C24; box-shadow:4px 4px 4px  
4px #281C24 }
```

Background

The CSS property to change the background color of an element to Hex 281C24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#281C24 }
```

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

```
.background{ background-color:#281C24 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor