

Converting Colors

Hex(282316)

Have a look what the booklet for
Hex(282316) contains.

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Color

Hex(282316)

Conversions

Conversions Part 1

Format	Color
Hex	282316
RGB	40, 35, 22
RGB Percent	16%, 14%, 9%
CMY	0.8431, 0.8627, 0.9137
CMYK	0.00, 0.13, 0.45, 0.84
HSL	43°, 29%, 12%
HSV	43°, 45%, 16%
XYZ	1.6209, 1.7111, 1.0039
YIQ	35.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

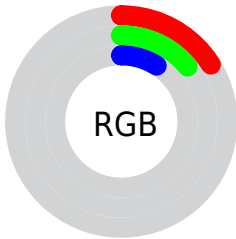
Format	Color
RYB	29, 40, 22
Decimal	2630422
CIELab	13.89, -0.14, 9.60
CIElCh	14, 9.601, 90.857
Yxy	1.7111, 0.3738, 0.3946
Android (android.graphics.Color)	4280820502 (0xFF282316)
YUV	35.0130, -6.4154, 4.3736
Hunter-Lab	13.0809, -0.7728, 4.6064

Details

The Hex color **282316** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **161B28**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **564F41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282212**, and if you desaturate by 10%, it is **28241A**.

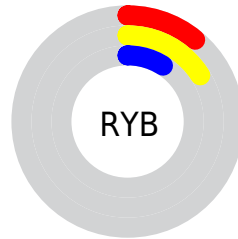
Distribution



Red (16%)

Green (14%)

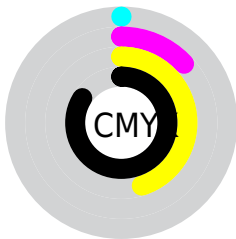
Blue (9%)



Red (11%)

Yellow (16%)

Blue (9%)

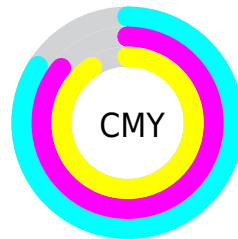


Cyan (0%)

Magenta (13%)

Yellow (45%)

Black (84%)



Cyan (84%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282316 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 282316 by changing the saturation by 10% instead.

■ 282316

■ 282316

■ FFFFF8

■ 130D00

■ 564F41

■ 000000

■ 6E6758

■ 878070

■ A29A8A

■ BDB5A4

■ D9D1BF

■ F5EDDB

■ 282316

■ 282316

■ 282212

■ 28241A

■ 28210E

■ 28251E

■ 28200A

■ 282622

■ 281F06

■ 282726

■ 281D02

■ 28292A

■ 281D00

■ 282A2E

■ 282B32

■ 282C36

■ 282D3A

Harmonies

Analogous

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



2E2118



282316



212518

Triad

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



282316



0F272A



2C1F2A

Complementary

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



282316



161B28

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.



25222F



282316



12262F

Square

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



282316



122723



1B2431



301E23

Rectangle

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



282316



1C261B



1B2431



2A202C

Sweetspot

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



282316



33312C



28161B



1A1815



999999



1A1A1A

Same Dimension

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



282316



332B17



242816



141412



543D00



D49900

Inverse Universe

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



161B28



171F33



1A1628



121314



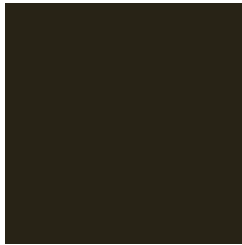
001754



003BD4

Previews

White Background



This preview shows how the Hex color 282316 looks on a white background.

Color Contrast Check

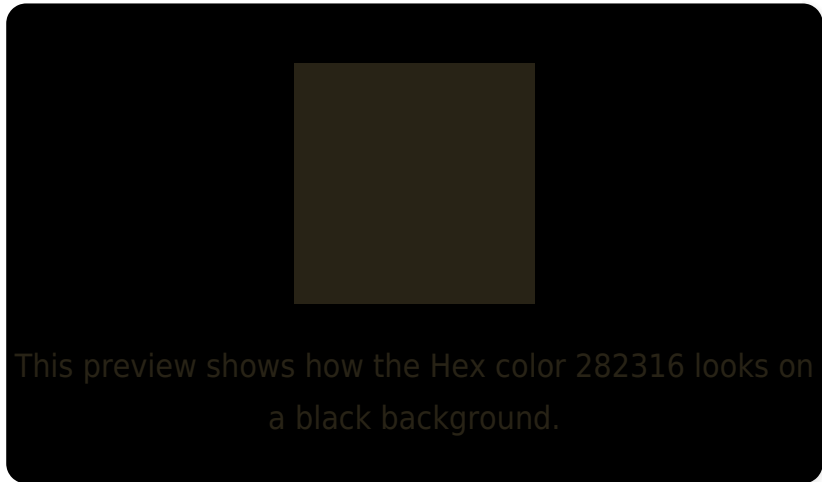
Large Text (above 18pt) WCAG AA ✓ Pass

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

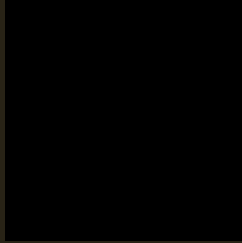
Any Text WCAG AA × Fail

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 282316 Background



This preview shows how black text looks on a background with the Hex color 282316.

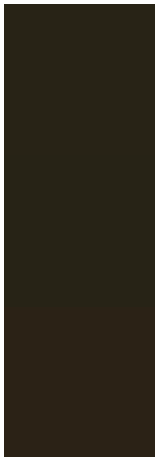


This preview shows how white text looks on a background with the Hex color 282316.

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
282316

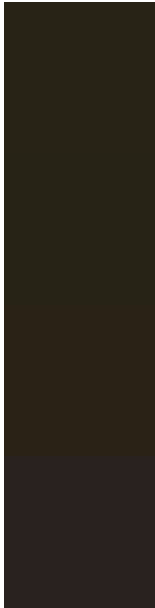
Protanopia
272316

Deuteranopia
2B2216



Tritanopia
292124

Trichromacy



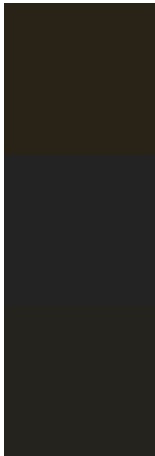
Original Color
282316

Protanomaly
272316

Deuteranomaly
2A2216

Tritanomaly
29221F

Monochromacy



Original Color
282316

Achromatopsia
232323

Achromatomaly
25231E

CSS Examples

Text

The CSS property to change the color of the text to Hex 282316 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 #282316 looks like.

```
.text, #text, p{  
    color:#282316  
}
```

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 #282316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282316
}
```

Border

The CSS property to change the border of an element to Hex 282316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

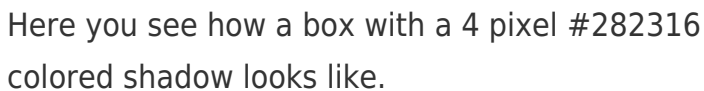
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282316 }
```

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

```
.border{ border-color:#282316 }
```

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



Here you see how a box with a 4 pixel #282316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282316; -webkit-box-shadow:4px 4px  
4px 4px #282316; box-shadow:4px 4px 4px  
4px #282316 }
```

Background

The CSS property to change the background color of an element to Hex 282316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282316 }
```

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

```
.background{ background-color:#282316 }
```

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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