

Converting Colors

Hex(282A16)

Have a look what the booklet for
Hex(282A16) contains.

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Color

Hex(282A16)

Conversions

Conversions Part 1

Format	Color
Hex	282A16
RGB	40, 42, 22
RGB Percent	16%, 16%, 9%
CMY	0.8431, 0.8353, 0.9137
CMYK	0.05, 0.00, 0.48, 0.84
HSL	66°, 31%, 13%
HSV	66°, 48%, 16%
XYZ	1.8479, 2.1650, 1.0795
YIQ	39.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

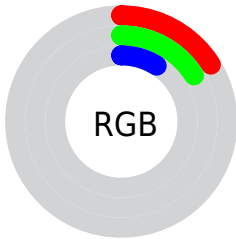
Format	Color
RYB	22, 42, 24
Decimal	2632214
CIELab	16.33, -4.91, 12.78
CIElCh	16, 13.687, 111.018
Yxy	2.1650, 0.3629, 0.4251
Android (android.graphics.Color)	4280822294 (0xFF282A16)
YUV	39.1220, -8.4411, 0.7700
Hunter-Lab	14.7138, -3.3321, 5.9496

Details

The Hex color **282A16** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18162A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **565741**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282A12**, and if you desaturate by 10%, it is **282A1A**.

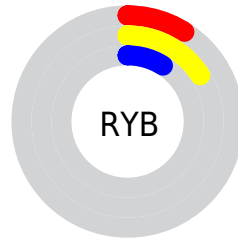
Distribution



Red (16%)

Green (16%)

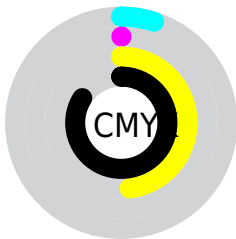
Blue (9%)



Red (9%)

Yellow (16%)

Blue (9%)

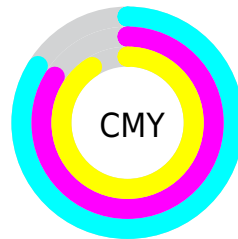


Cyan (5%)

Magenta (0%)

Yellow (48%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282A16 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 282A16 by changing the saturation by 10% instead.

■ 282A16

■ 282A16

■ FFFFF8

■ 141600

■ 565741

■ 000000

■ 6E7058

■ 878971

■ A2A38A

■ BDBEA5

■ D9DAC0

■ F5F6DC

■ 282A16

■ 282A16

■ 282A12

■ 282A1A

■ 272A0E

■ 292A1E

■ 272A09

■ 292A23

■ 262A05

■ 2A2A27

■ 262A01

■ 2A2A2B

■ 262A00

■ 2B2A2F

■ 2B2A33

■ 2B2A38

■ 2C2A3C

Harmonies

Analogous

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



322715



282A16



1D2C1C

Triad

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



282A16



062D37



39212C

Complementary

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



282A16



18162A

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.



322435



282A16



162A3C

Square

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



282A16



052E2F



25273B



3C2122

Rectangle

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



282A16



152D22



25273B



38222F

Sweetspot

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



282A16



35362E



2A1816



1C1C17



9C9C9C



1C1C1C

Same Dimension

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



282A16



323617



1E2A16



141412



4C5400



BED400

Inverse Universe

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



18162A



1A1736



22162A



131214



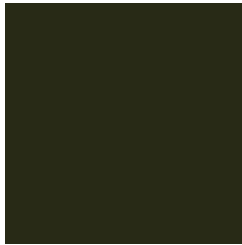
080054



1500D4

Previews

White Background



This preview shows how the Hex color 282A16 looks on a white background.

Color Contrast Check

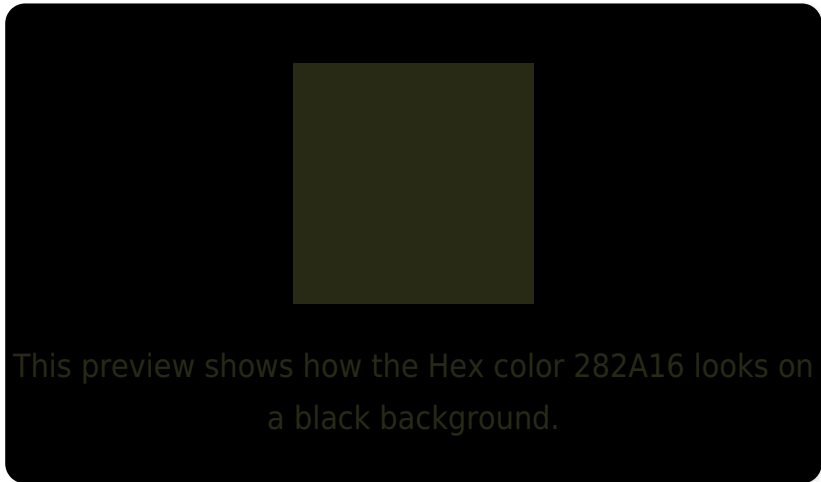
Large Text (above 18pt) WCAG AA ✓ Pass

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

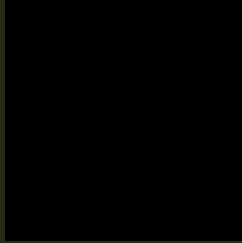
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

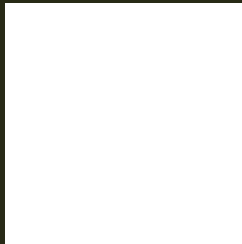
Any Text WCAG AAA × Fail

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

Hex 282A16 Background



This preview shows how black text looks on a background with the Hex color 282A16.

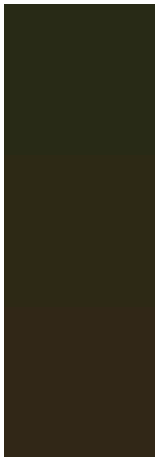


This preview shows how white text looks on a background with the Hex color 282A16.

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
282A16

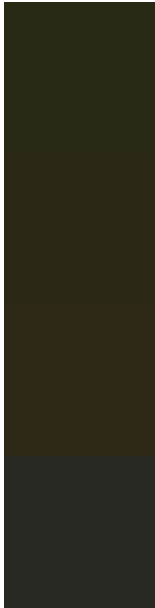
Protanopia
2D2915

Deuteranopia
312717



Tritanopia
2A282B

Trichromacy



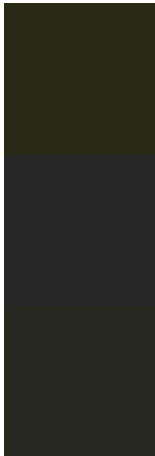
Original Color
282A16

Protanomaly
2B2915

Deuteranomaly
2E2817

Tritanomaly
292923

Monochromacy



Original Color
282A16

Achromatopsia
272727

Achromatomaly
272821

CSS Examples

Text

The CSS property to change the color of the text to Hex 282A16 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 #282A16 looks like.

```
.text, #text, p{  
    color:#282A16  
}
```

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 #282A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282A16  
}
```

Border

The CSS property to change the border of an element to Hex 282A16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

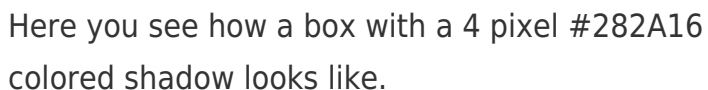
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#282A16 }
```

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

```
.border{ border-color:#282A16 }
```

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



Here you see how a box with a 4 pixel #282A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282A16; -webkit-box-shadow:4px 4px  
4px 4px #282A16; box-shadow:4px 4px 4px  
4px #282A16 }
```

Background

The CSS property to change the background color of an element to Hex 282A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282A16 }
```

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

```
.background{ background-color:#282A16 }
```

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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