

Converting Colors

Hex(2D2E1B)

Have a look what the booklet for
Hex(2D2E1B) contains.

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Color

Hex(2D2E1B)

Conversions

Conversions Part 1

Format	Color
Hex	2D2E1B
RGB	45, 46, 27
RGB Percent	18%, 18%, 11%
CMY	0.8235, 0.8196, 0.8941
CMYK	0.02, 0.00, 0.41, 0.82
HSL	63°, 26%, 14%
HSV	63°, 41%, 18%
XYZ	2.2570, 2.5910, 1.4181
YIQ	43.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

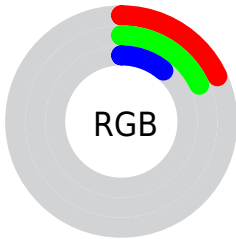
Format	Color
R_{YB}	27, 46, 28
Decimal	2960923
CIE Lab	18.33, -4.24, 12.13
CIE LCh	18, 12.846, 109.268
Yxy	2.5910, 0.3602, 0.4135
Android (android.graphics.Color)	4281151003 (0xFF2D2E1B)
YUV	43.5350, -8.1518, 1.2848
Hunter-Lab	16.0966, -3.1404, 6.0443

Details

The Hex color **2D2E1B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C1B2E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5B5C47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2E16**, and if you desaturate by 10%, it is **2D2E20**.

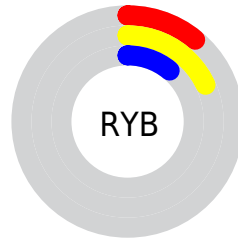
Distribution



Red (18%)

Green (18%)

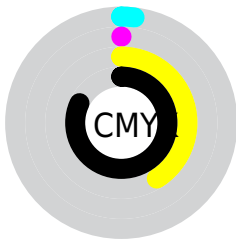
Blue (11%)



Red (11%)

Yellow (18%)

Blue (11%)

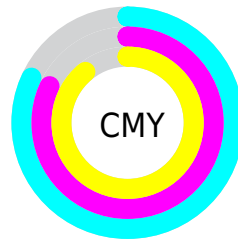


Cyan (2%)

Magenta (0%)

Yellow (41%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2E1B 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 2D2E1B by changing the saturation by 10% instead.

■ 2D2E1B

■ 2D2E1B

FFFFFF

■ 1A1901

■ 5B5C47

■ 000000

■ 74745E

■ 8D8E77

■ A8A891

■ C3C3AB

■ DFDFC7

■ FCFCE3

■ 2D2E1B

■ 2D2E1B

■ 2D2E16

■ 2D2E20

■ 2D2E12

■ 2D2E24

■ 2C2E0D

■ 2E2E29

■ 2C2E09

■ 2E2E2D

■ 2C2E04

■ 2E2E32

■ 2C2E00

■ 2E2E37

■ 2F2E3B

■ 2F2E40

■ 2F2E44

Harmonies

Analogous

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



362B1B



2D2E1B



223020

Triad

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



2D2E1B



0F313A



3D2630

Complementary

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



2D2E1B



1C1B2E

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.



352839



2D2E1B



1B2F3F

Square

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



2D2E1B



0F3232



292C3E



3F2627

Rectangle

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



2D2E1B



1B3126



292C3E



3B2733

Sweetspot

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



2D2E1B



3A3B34



2E1C1B



1E1F1A



9E9E9E



1F1F1F

Same Dimension

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



2D2E1B



393B1D



242E1B



171715



525700



CBD600

Inverse Universe

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



1C1B2E



1F1D3B



251B2E



151517



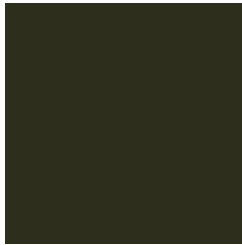
050057



0B00D6

Previews

White Background



This preview shows how the Hex color 2D2E1B looks on a white background.

Color Contrast Check

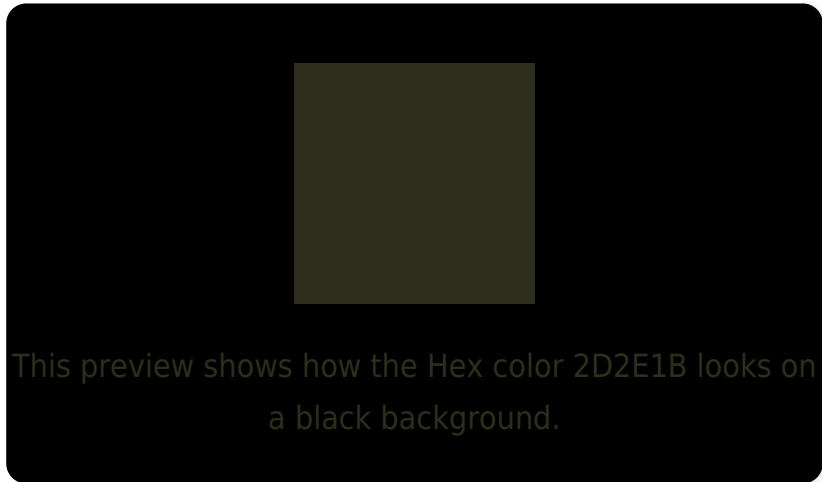
Large Text (above 18pt) WCAG AA ✓ Pass

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

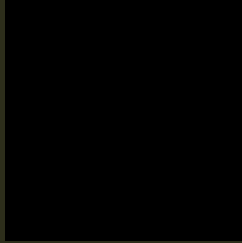
Any Text WCAG AA × Fail

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 2D2E1B Background



This preview shows how black text looks on a background with the Hex color 2D2E1B.

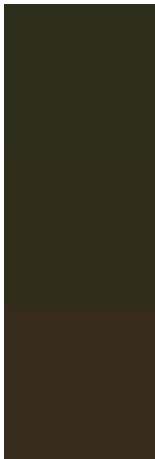


This preview shows how white text looks on a background with the Hex color 2D2E1B.

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

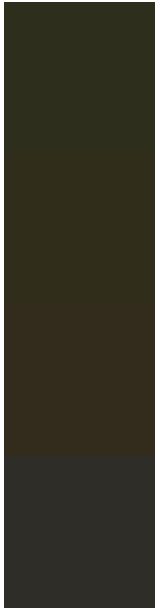


Original Color
2D2E1B

Protanopia
312D1B

Deuteranopia
362B1C

Trichromacy



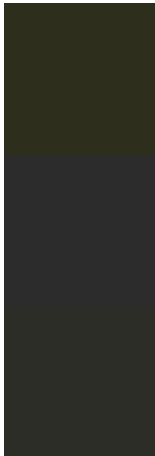
Original Color
2D2E1B

Protanomaly
302D1B

Deuteranomaly
332C1C

Tritanomaly
2E2D28

Monochromacy



Original Color
2D2E1B

Achromatopsia
2C2C2C

Achromatomaly
2C2D26

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2E1B 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 #2D2E1B looks like.

```
.text, #text, p{  
    color:#2D2E1B  
}
```

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 #2D2E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2E1B
}
```

Border

The CSS property to change the border of an element to Hex 2D2E1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

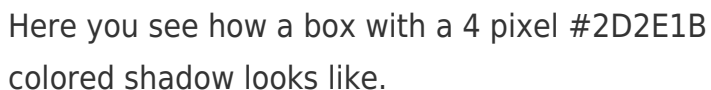
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2E1B }
```

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

```
.border{ border-color:#2D2E1B }
```

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



Here you see how a box with a 4 pixel #2D2E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2E1B; -webkit-box-shadow:4px 4px  
4px 4px #2D2E1B; box-shadow:4px 4px 4px  
4px #2D2E1B }
```

Background

The CSS property to change the background color of an element to Hex 2D2E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2E1B }
```

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

```
.background{ background-color:#2D2E1B }
```

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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