

Converting Colors

Hex(2D2B28)

Have a look what the booklet for
Hex(2D2B28) contains.

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Color

Hex(2D2B28)

Conversions

Conversions Part 1

Format	Color
Hex	2D2B28
RGB	45, 43, 40
RGB Percent	18%, 17%, 16%
CMY	0.8235, 0.8314, 0.8431
CMYK	0.00, 0.04, 0.11, 0.82
HSL	36°, 6%, 17%
HSV	36°, 11%, 18%
XYZ	2.3291, 2.4388, 2.3555
YIQ	43.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

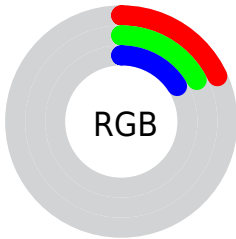
Format	Color
RYB	43, 45, 40
Decimal	2960168
CIELab	17.64, 0.23, 2.27
CIELCh	18, 2.284, 84.234
Yxy	2.4388, 0.3270, 0.3424
Android (android.graphics.Color)	4281150248 (0xFF2D2B28)
YUV	43.2560, -1.6052, 1.5295
Hunter-Lab	15.6168, -0.7081, 1.9891

Details

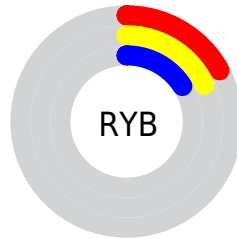
The Hex color **2D2B28** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **282A2D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5B5855**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2924**, and if you desaturate by 10%, it is **2D2D2D**.

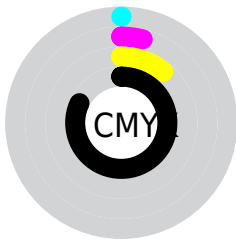
Distribution



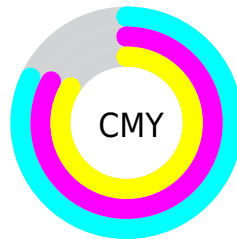
- Red (18%)
- Green (17%)
- Blue (16%)



- Red (17%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (82%)



- Cyan (82%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2B28 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 2D2B28 by changing the saturation by 10% instead.

■ 2D2B28

■ 2D2B28

FFFFFF

■ 191714

■ 5B5855

■ 000000

■ 73716D

■ 8D8A86

■ A7A4A1

■ C2C0BC

■ DEDBD7

■ FBF8F4

■ 2D2B28

■ 2D2B28

■ 2D2924

■ 2D2D2D

■ 2D271F

■ 2D2F31

■ 2D261A

■ 2D3036

■ 2D2416

■ 2D323A

■ 2D2211

■ 2D343F

■ 2D200D

■ 2D3643

■ 2D1E09

■ 2D3848

■ 2D1D04

■ 2D394C

■ 2D1B00

■ 2D3B51

Harmonies

Analogous

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



2E2B29



2D2B28



2B2C28

Triad

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



2D2B28



272C2D



2D2A2D

Complementary

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



2D2B28



282A2D

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.



2B2B2E



2D2B28



282C2E

Square

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



2D2B28



282C2B



292B2E



2E2A2C

Rectangle

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



2D2B28



2A2C29



292B2E



2D2B2E

Sweetspot

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



2D2B28



3B3A39



2D282A



1F1E1D



9E9E9E



1F1F1F

Same Dimension

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



2D2B28



3B3833



2D2D28



171615



573400



D68100

Inverse Universe

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



282A2D



33363B



29282D



151617



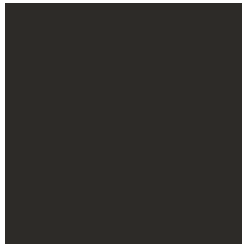
002357



0056D6

Previews

White Background



This preview shows how the Hex color 2D2B28 looks on a white background.

Color Contrast Check

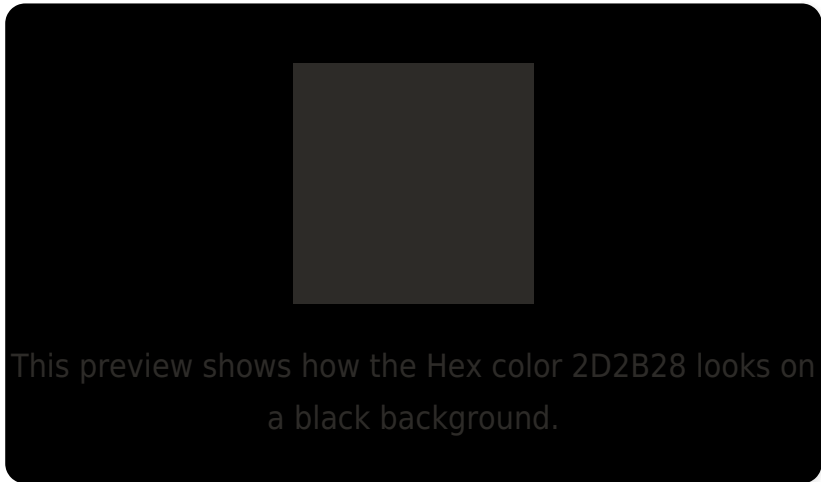
Large Text (above 18pt) WCAG AA ✓ Pass

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

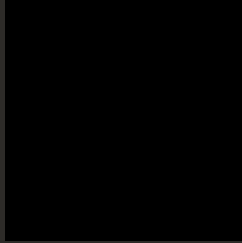
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

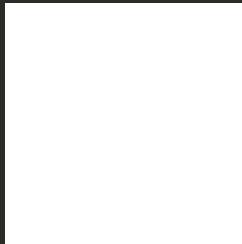
Any Text WCAG AAA × Fail

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

Hex 2D2B28 Background



This preview shows how black text looks on a background with the Hex color 2D2B28.



This preview shows how white text looks on a background with the Hex color 2D2B28.

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

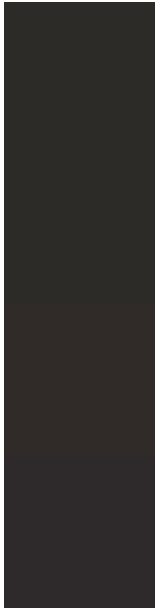


Original Color
2D2B28

Protanopia
2D2B28

Deuteranopia
312A28

Trichromacy



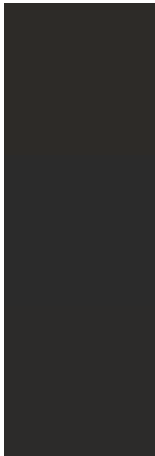
Original Color
2D2B28

Protanomaly
2D2B28

Deuteranomaly
302A28

Tritanomaly
2E2A2B

Monochromacy



Original Color
2D2B28

Achromatopsia
2B2B2B

Achromatomaly
2C2B2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2B28 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 #2D2B28 looks like.

```
.text, #text, p{  
    color:#2D2B28  
}
```

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 #2D2B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2B28
}
```

Border

The CSS property to change the border of an element to Hex 2D2B28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

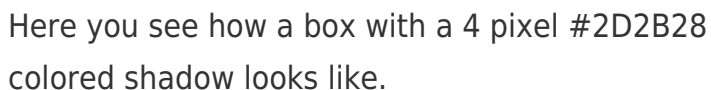
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2B28 }
```

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

```
.border{ border-color:#2D2B28 }
```

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



Here you see how a box with a 4 pixel #2D2B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2B28; -webkit-box-shadow:4px 4px  
4px 4px #2D2B28; box-shadow:4px 4px 4px  
4px #2D2B28 }
```

Background

The CSS property to change the background color of an element to Hex 2D2B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2B28 }
```

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

```
.background{ background-color:#2D2B28 }
```

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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