

Converting Colors

Hex(2D2E1C)

Have a look what the booklet for
Hex(2D2E1C) contains.

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Color

Hex(2D2E1C)

Conversions

Conversions Part 1

Format	Color
Hex	2D2E1C
RGB	45, 46, 28
RGB Percent	18%, 18%, 11%
CMY	0.8235, 0.8196, 0.8902
CMYK	0.02, 0.00, 0.39, 0.82
HSL	63°, 24%, 15%
HSV	63°, 39%, 18%
XYZ	2.2688, 2.5957, 1.4801
YIQ	43.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

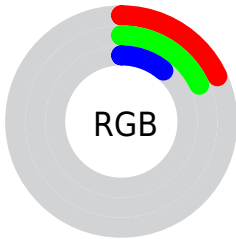
Format	Color
R_{YB}	28, 46, 29
Decimal	2960924
CIE Lab	18.35, -4.08, 11.49
CIE LCh	18, 12.189, 109.552
Yxy	2.5957, 0.3576, 0.4091
Android (android.graphics.Color)	4281151004 (0xFF2D2E1C)
YUV	43.6490, -7.7150, 1.1848
Hunter-Lab	16.1112, -3.0583, 5.8312

Details

The Hex color **2D2E1C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1D1C2E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5B5C48**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D2E17**, and if you desaturate by 10%, it is **2D2E21**.

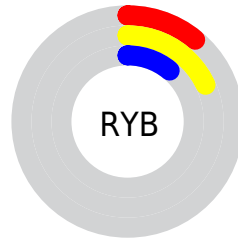
Distribution



Red (18%)

Green (18%)

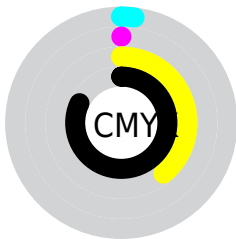
Blue (11%)



Red (11%)

Yellow (18%)

Blue (11%)

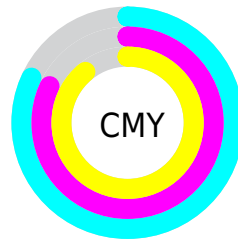


Cyan (2%)

Magenta (0%)

Yellow (39%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2E1C 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 2D2E1C by changing the saturation by 10% instead.

■ 2D2E1C

■ 2D2E1C

FFFFFF

■ 191902

■ 5B5C48

■ 000000

■ 74745F

■ 8D8E78

■ A8A892

■ C3C3AC

■ DFDFC8

■ FCFCE4

■ 2D2E1C

■ 2D2E1C

■ 2D2E17

■ 2D2E21

■ 2C2E13

■ 2E2E25

■ 2C2E0E

■ 2E2E2A

■ 2C2E0A

■ 2E2E2E

■ 2C2E05

■ 2E2E33

■ 2B2E00

■ 2F2E38

■ 2F2E3C

■ 2F2E41

■ 2F2E45

Harmonies

Analogous

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



362B1C



2D2E1C



233021

Triad

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



2D2E1C



12313A



3C2630

Complementary

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



2D2E1C



1D1C2E

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.



352938



2D2E1C



1D2F3E

Square

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



2D2E1C



113232



2A2C3D



3E2627

Rectangle

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



2D2E1C



1C3126



2A2C3D



3A2733

Sweetspot

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



2D2E1C



3A3B34



2E1D1C



1E1F1A



9E9E9E



1F1F1F

Same Dimension

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



2D2E1C



393B1F



242E1C



171715



525700



CAD600

Inverse Universe

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



1D1C2E



211F3B



261C2E



151517



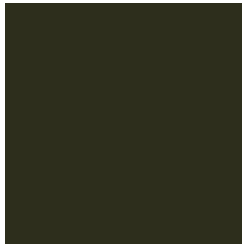
050057



0C00D6

Previews

White Background



This preview shows how the Hex color 2D2E1C looks on a white background.

Color Contrast Check

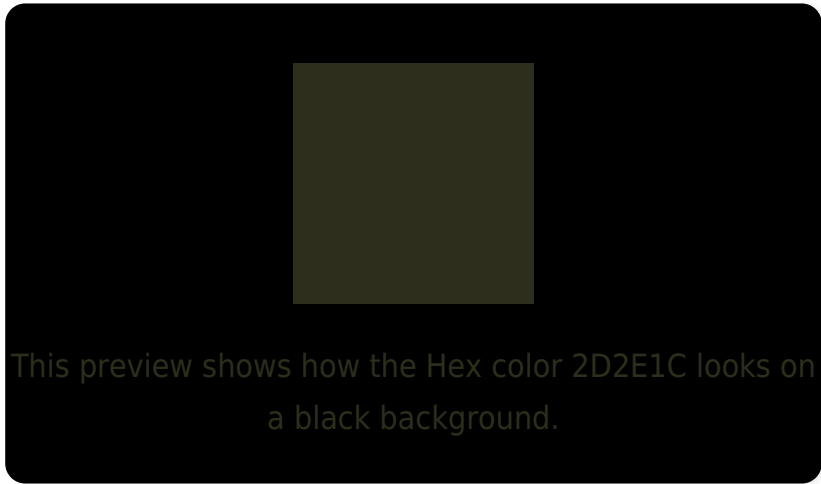
Large Text (above 18pt) WCAG AA ✓ Pass

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

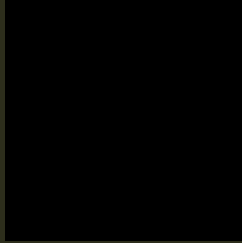
Any Text WCAG AA × Fail

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 2D2E1C Background



This preview shows how black text looks on a background with the Hex color 2D2E1C.

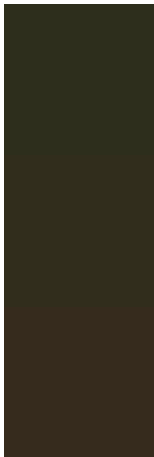


This preview shows how white text looks on a background with the Hex color 2D2E1C.

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

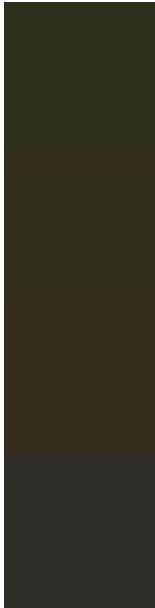


Original Color
2D2E1C

Protanopia
312D1C

Deuteranopia
362B1D

Trichromacy



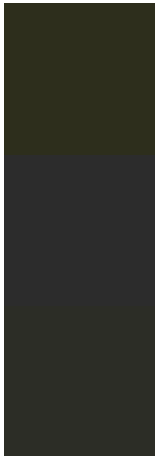
Original Color
2D2E1C

Protanomaly
302D1C

Deuteranomaly
332C1D

Tritanomaly
2E2D28

Monochromacy



Original Color
2D2E1C

Achromatopsia
2C2C2C

Achromatomaly
2C2D26

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2E1C 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 #2D2E1C looks like.

```
.text, #text, p{  
    color:#2D2E1C  
}
```

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 #2D2E1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2E1C
}
```

Border

The CSS property to change the border of an element to Hex 2D2E1C 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
#2D2E1C }
```

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

```
.border{ border-color:#2D2E1C }
```

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

Here you see how a box with a 4 pixel #2D2E1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2E1C; -webkit-box-shadow:4px 4px  
4px 4px #2D2E1C; box-shadow:4px 4px 4px  
4px #2D2E1C }
```

Background

The CSS property to change the background color of an element to Hex 2D2E1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2E1C }
```

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

```
.background{ background-color:#2D2E1C }
```

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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