

Converting Colors

Hex(2D2A1E)

Have a look what the booklet for
Hex(2D2A1E) contains.

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Color

Hex(2D2A1E)

Conversions

Conversions Part 1

Format	Color
Hex	2D2A1E
RGB	45, 42, 30
RGB Percent	18%, 16%, 12%
CMY	0.8235, 0.8353, 0.8824
CMYK	0.00, 0.07, 0.33, 0.82
HSL	48°, 20%, 15%
HSV	48°, 33%, 18%
XYZ	2.1445, 2.3076, 1.5607
YIQ	41.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

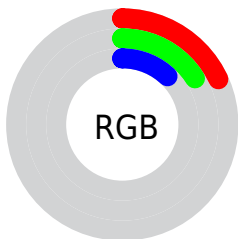
Format	Color
RYB	34, 45, 30
Decimal	2959902
CIELab	17.02, -1.06, 8.36
CIElCh	17, 8.424, 97.248
Yxy	2.3076, 0.3567, 0.3838
Android (android.graphics.Color)	4281149982 (0xFF2D2A1E)
YUV	41.5290, -5.6838, 3.0441
Hunter-Lab	15.1906, -1.3844, 4.5421

Details

The Hex color **2D2A1E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E212D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5B574A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D291A**, and if you desaturate by 10%, it is **2D2B23**.

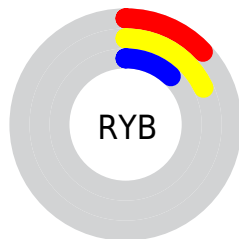
Distribution



Red (18%)

Green (16%)

Blue (12%)



Red (13%)

Yellow (18%)

Blue (12%)

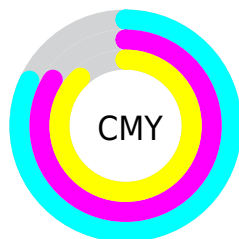


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2A1E 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 2D2A1E by changing the saturation by 10% instead.

■ 2D2A1E

■ 2D2A1E

FFFFFF

■ 191605

■ 5B574A

■ 000000

■ 747062

■ 8D897A

■ A8A394

■ C3BEAF

■ DFDACA

■ FBF6E6

■ 2D2A1E

■ 2D2A1E

■ 2D291A

■ 2D2B23

■ 2D2815

■ 2D2C27

■ 2D2711

■ 2D2D2C

■ 2D260C

■ 2D2E30

■ 2D2507

■ 2D2F35

■ 2D2503

■ 2D2F39

■ 2D2400

■ 2D303E

■ 2D3142

■ 2D3247

Harmonies

Analogous

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



33281F



2D2A1E



262C20

Triad

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



2D2A1E



192D31



33262F

Complementary

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



2D2A1E



1E212D

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.



2D2834



2D2A1E



1D2C35

Square

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



2D2A1E



1A2D2B



252A36



362629

Rectangle

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



2D2A1E



222D23



252A36



312731

Sweetspot

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



2D2A1E



3B3935



2D1E21



1F1E1B



9E9E9E



1F1F1F

Same Dimension

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



2D2A1E



3B3623



292D1E



171615



574500



D6AB00

Inverse Universe

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



1E212D



23283B



231E2D



151517



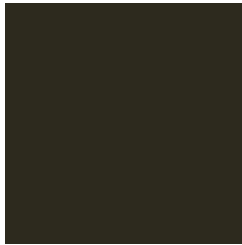
001157



002BD6

Previews

White Background



This preview shows how the Hex color 2D2A1E looks on a white background.

Color Contrast Check

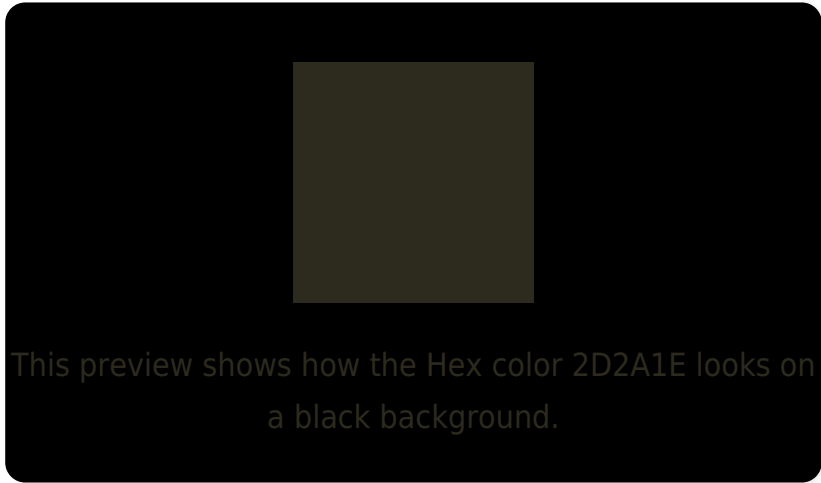
Large Text (above 18pt) WCAG AA ✓ Pass

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

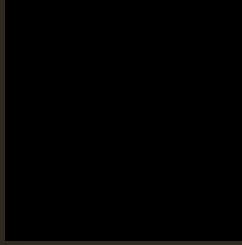
Any Text WCAG AA × Fail

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 2D2A1E Background



This preview shows how black text looks on a background with the Hex color 2D2A1E.

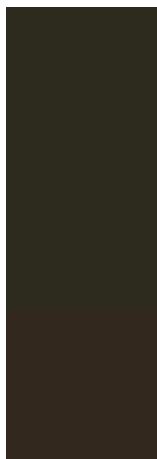


This preview shows how white text looks on a background with the Hex color 2D2A1E.

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
2D2A1E

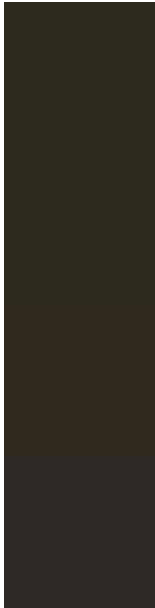
Protanopia
2D2A1E

Deuteranopia
32281E



Tritanopia
2F282B

Trichromacy



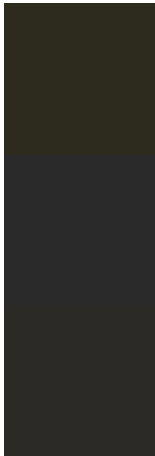
Original Color
2D2A1E

Protanomaly
2D2A1E

Deuteranomaly
30291E

Tritanomaly
2E2926

Monochromacy



Original Color
2D2A1E

Achromatopsia
2A2A2A

Achromatomaly
2B2A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2A1E 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 #2D2A1E looks like.

```
.text, #text, p{  
    color:#2D2A1E  
}
```

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 #2D2A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2A1E
}
```

Border

The CSS property to change the border of an element to Hex 2D2A1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

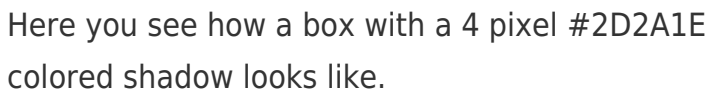
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2A1E }
```

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

```
.border{ border-color:#2D2A1E }
```

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



Here you see how a box with a 4 pixel #2D2A1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2A1E; -webkit-box-shadow:4px 4px  
4px 4px #2D2A1E; box-shadow:4px 4px 4px  
4px #2D2A1E }
```

Background

The CSS property to change the background color of an element to Hex 2D2A1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2A1E }
```

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

```
.background{ background-color:#2D2A1E }
```

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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