

Converting Colors

Hex(2E2B2D)

Have a look what the booklet for
Hex(2E2B2D) contains.

Hex(2E2B2D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E2B2D)

Conversions

Conversions Part 1

Format	Color
Hex	2E2B2D
RGB	46, 43, 45
RGB Percent	18%, 17%, 18%
CMY	0.8196, 0.8314, 0.8235
CMYK	0.00, 0.07, 0.02, 0.82
HSL	320°, 3%, 17%
HSV	320°, 7%, 18%
XYZ	2.4642, 2.4981, 2.8349
YIQ	44.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

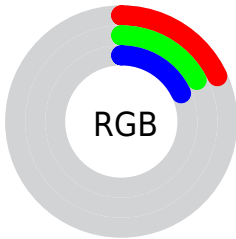
Format	Color
RYB	46, 43, 45
Decimal	3025709
CIELab	17.91, 1.82, -0.81
CIElCh	18, 1.995, 335.974
Yxy	2.4981, 0.3160, 0.3204
Android (android.graphics.Color)	4281215789 (0xFF2E2B2D)
YUV	44.1250, 0.4314, 1.6444
Hunter-Lab	15.8052, 0.1713, 0.4291

Details

The Hex color **2E2B2D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2E2C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5C585B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E262B**, and if you desaturate by 10%, it is **2E302F**.

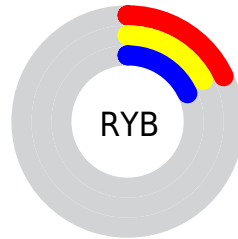
Distribution



Red (18%)

Green (17%)

Blue (18%)



Red (18%)

Yellow (17%)

Blue (18%)

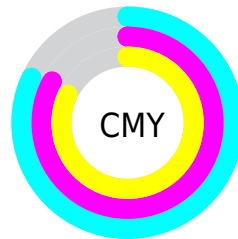


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2B2D 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 2E2B2D by changing the saturation by 10% instead.



2E2B2D



2E2B2D

FFFFFF



191718



5C585B



000000



747173



8E8A8D



A8A4A7



C3C0C2



DFDBDE



FCF8FB



2E2B2D



2E2B2D

■ 2E262B

■ 2E302F

■ 2E222A

■ 2E3430

■ 2E1D28

■ 2E3932

■ 2E1927

■ 2E3D33

■ 2E1425

■ 2E4235

■ 2E0F24

■ 2E4736

■ 2E0B22

■ 2E4B38

■ 2E0621

■ 2E5039

■ 2E021F

■ 2E543B

Harmonies

Analogous

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



2C2B2E



2E2B2D



2F2B2C

Triad

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



2E2B2D



2D2C29



282D2D

Complementary

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



2E2B2D



2B2E2C

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.



292D2C



2E2B2D



2B2C29

Square

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



2E2B2D



2E2B29



2A2D2B



292C2E

Rectangle

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



2E2B2D



2F2B2B



2A2D2B



282D2D

Sweetspot

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



2E2B2D



3B393A



2C2B2E



1F1E1E



9E9E9E



1F1F1F

Same Dimension

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



2E2B2D



3B3639



2E2B2C



171516



57003A



D6008F

Inverse Universe

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



2E2B2D



3B3639



2B2E2D



171516



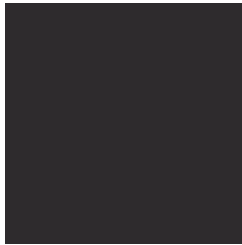
57003A



D6008F

Previews

White Background



This preview shows how the Hex color 2E2B2D looks on a white background.

Color Contrast Check

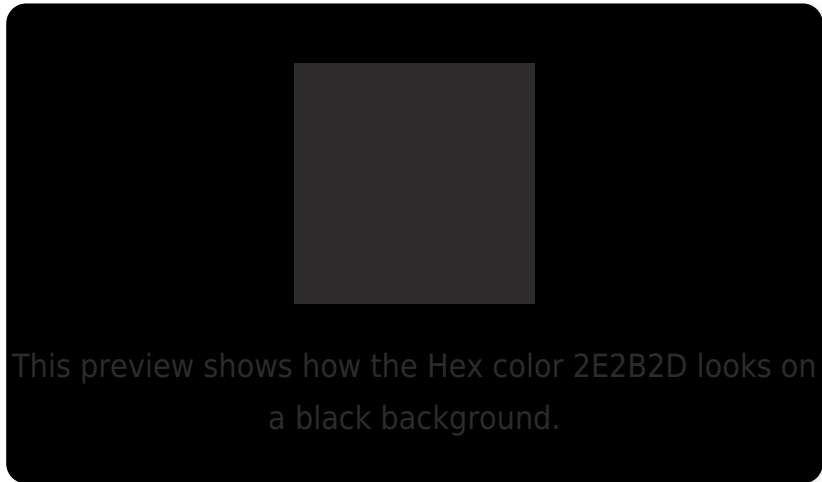
Large Text (above 18pt) WCAG AA ✓ Pass

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

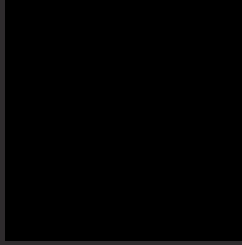
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

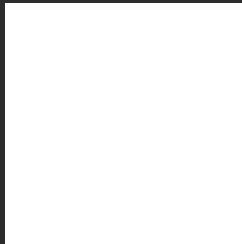
Any Text WCAG AAA × Fail

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

Hex 2E2B2D Background



This preview shows how black text looks on a background with the Hex color 2E2B2D.

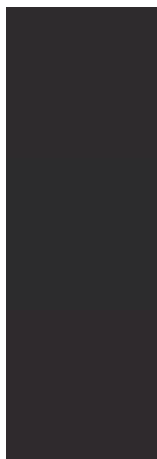


This preview shows how white text looks on a background with the Hex color 2E2B2D.

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

2E2B2D

Protanopia

2C2C2D

Deuteranopia

2F2A2D



Tritanopia
2E2B2E

Trichromacy



Original Color

2E2B2D

Protanomaly

2D2C2D

Deuteranomaly

2F2A2D

Tritanomaly

2E2B2E

Monochromacy



Original Color

2E2B2D

Achromatopsia

2C2C2C

Achromatomaly

2D2C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2B2D 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 #2E2B2D looks like.

```
.text, #text, p{  
    color:#2E2B2D  
}
```

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 #2E2B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2B2D
}
```

Border

The CSS property to change the border of an element to Hex 2E2B2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

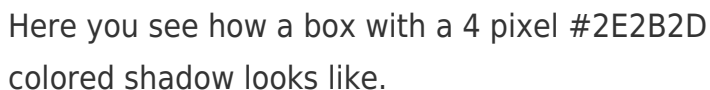
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2B2D }
```

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

```
.border{ border-color:#2E2B2D }
```

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



Here you see how a box with a 4 pixel #2E2B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2B2D; -webkit-box-shadow:4px 4px  
4px 4px #2E2B2D; box-shadow:4px 4px 4px  
4px #2E2B2D }
```

Background

The CSS property to change the background color of an element to Hex 2E2B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2B2D }
```

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

```
.background{ background-color:#2E2B2D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor