

Converting Colors

Hex(2E2D26)

Have a look what the booklet for
Hex(2E2D26) contains.

Hex(2E2D26)	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(2E2D26)

Conversions

Conversions Part 1

Format	Color
Hex	2E2D26
RGB	46, 45, 38
RGB Percent	18%, 18%, 15%
CMY	0.8196, 0.8235, 0.8510
CMYK	0.00, 0.02, 0.17, 0.82
HSL	53°, 10%, 16%
HSV	53°, 17%, 18%
XYZ	2.4150, 2.5976, 2.2078
YIQ	44.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

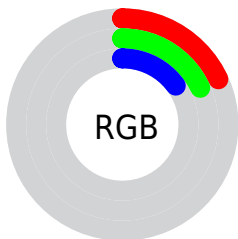
Format	Color
RYB	39, 46, 38
Decimal	3026214
CIELab	18.35, -1.09, 4.69
CIElCh	18, 4.818, 103.034
Yxy	2.5976, 0.3345, 0.3598
Android (android.graphics.Color)	4281216294 (0xFF2E2D26)
YUV	44.5010, -3.2050, 1.3146
Hunter-Lab	16.1169, -1.4583, 3.1599

Details

The Hex color **2E2D26** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26272E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5C5B53**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2C21**, and if you desaturate by 10%, it is **2E2E2B**.

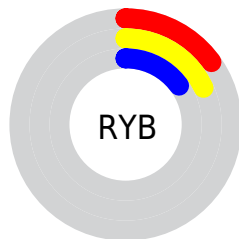
Distribution



Red (18%)

Green (18%)

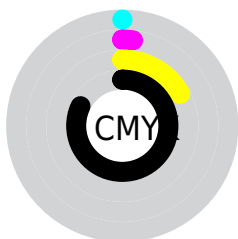
Blue (15%)



Red (15%)

Yellow (18%)

Blue (15%)

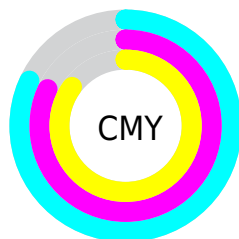


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (82%)



Cyan (82%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2D26 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 2E2D26 by changing the saturation by 10% instead.

■ 2E2D26

■ 2E2D26

FFFFFF

■ 191811

■ 5C5B53

■ 000000

■ 74736B

■ 8E8D84

■ A8A79E

■ C4C2B9

■ E0DED5

■ FCFBF1

■ 2E2D26

■ 2E2D26

■ 2E2C21

■ 2E2E2B

■ 2E2C1D

■ 2E2E2F

■ 2E2B18

■ 2E2F34

■ 2E2B14

■ 2E2F38

■ 2E2A0F

■ 2E303D

■ 2E2A0A

■ 2E3042

■ 2E2906

■ 2E3146

■ 2E2801

■ 2E324B

■ 2E2800

■ 2E324F

Harmonies

Analogous

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



322C26



2E2D26



2A2E28

Triad

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



2E2D26



242E31



332B2F

Complementary

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



2E2D26



26272E

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.



2F2B32



2E2D26



272E33

Square

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



2E2D26



242F2E



2B2D33



342A2B

Rectangle

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



2E2D26



272F2A



2B2D33



322B30

Sweetspot

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



2E2D26



3B3A38



2E2627



1F1E1D



9E9E9E



1F1F1F

Same Dimension

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



2E2D26



3B392E



2B2E26



171715



574C00



D6BB00

Inverse Universe

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



26272E



2E303B



29262E



151517



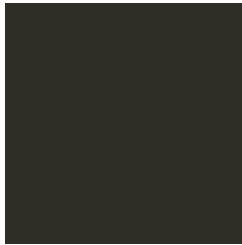
000B57



001BD6

Previews

White Background



This preview shows how the Hex color 2E2D26 looks on a white background.

Color Contrast Check

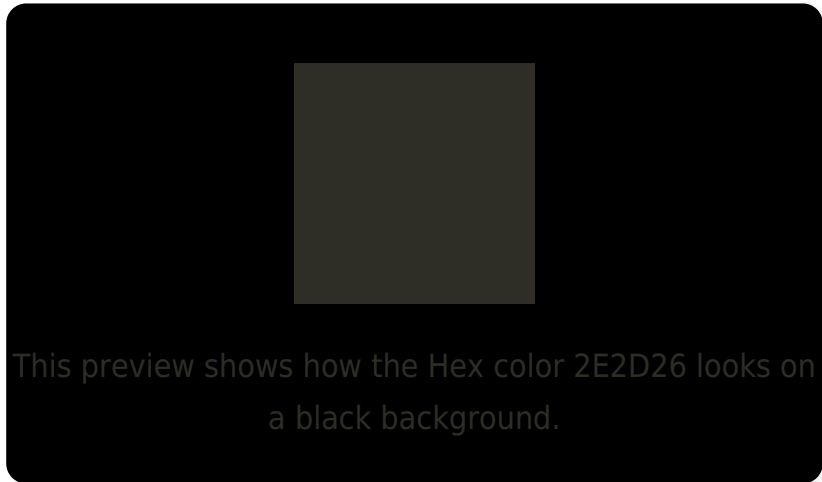
Large Text (above 18pt) WCAG AA ✓ Pass

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

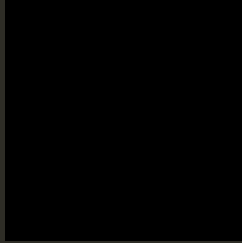
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

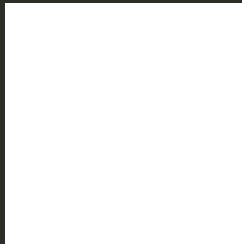
Any Text WCAG AAA × Fail

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

Hex 2E2D26 Background



This preview shows how black text looks on a background with the Hex color 2E2D26.



This preview shows how white text looks on a background with the Hex color 2E2D26.

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

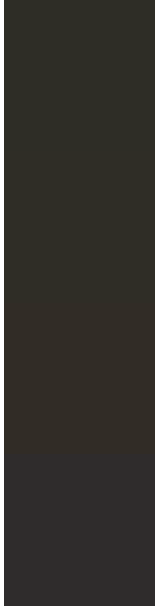


Original Color
2E2D26

Protanopia
2F2D26

Deuteranopia
332B26

Trichromacy



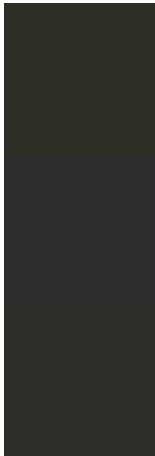
Original Color
2E2D26

Protanomaly
2F2D26

Deuteranomaly
312C26

Tritanomaly
2F2C2C

Monochromacy



Original Color
2E2D26

Achromatopsia
2D2D2D

Achromatomaly
2D2D2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2D26 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 #2E2D26 looks like.

```
.text, #text, p{  
    color:#2E2D26  
}
```

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 #2E2D26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2D26
}
```

Border

The CSS property to change the border of an element to Hex 2E2D26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

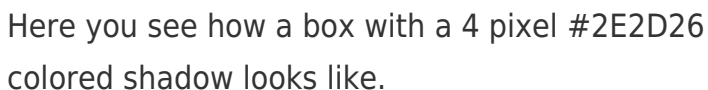
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2D26 }
```

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

```
.border{ border-color:#2E2D26 }
```

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



Here you see how a box with a 4 pixel #2E2D26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2D26; -webkit-box-shadow:4px 4px  
4px 4px #2E2D26; box-shadow:4px 4px 4px  
4px #2E2D26 }
```

Background

The CSS property to change the background color of an element to Hex 2E2D26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2D26 }
```

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

```
.background{ background-color:#2E2D26 }
```

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