

Converting Colors

Hex(2E251C)

Have a look what the booklet for
Hex(2E251C) contains.

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Color

Hex(2E251C)

Conversions

Conversions Part 1

Format	Color
Hex	2E251C
RGB	46, 37, 28
RGB Percent	18%, 15%, 11%
CMY	0.8196, 0.8549, 0.8902
CMYK	0.00, 0.20, 0.39, 0.82
HSL	30°, 24%, 15%
HSV	30°, 39%, 18%
XYZ	1.9979, 1.9878, 1.3770
YIQ	38.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

Format	Color
RYB	46, 46, 28
Decimal	3024156
CIELab	15.42, 2.55, 7.58
CIElCh	15, 7.997, 71.443
Yxy	1.9878, 0.3726, 0.3707
Android (android.graphics.Color)	4281214236 (0xFF2E251C)
YUV	38.6650, -5.2578, 6.4328
Hunter-Lab	14.0990, 0.6209, 4.0787

Details

The Hex color **2E251C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C252E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **5C5247**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2317**, and if you desaturate by 10%, it is **2E2721**.

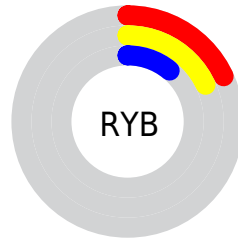
Distribution



Red (18%)

Green (15%)

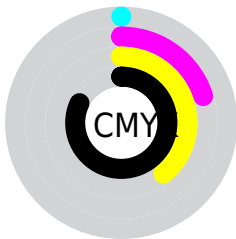
Blue (11%)



Red (18%)

Yellow (18%)

Blue (11%)

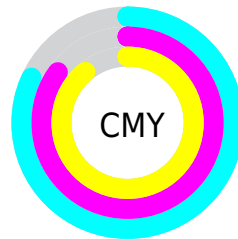


Cyan (0%)

Magenta (20%)

Yellow (39%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E251C 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 2E251C by changing the saturation by 10% instead.

■ 2E251C

■ 2E251C

FFFFFF

■ 1B1001

■ 5C5247

■ 000000

■ 756A5F

■ 8F8378

■ A99D91

■ C5B8AC

■ E1D3C7

■ FDF0E3

■ 2E251C

■ 2E251C

■ 2E2317

■ 2E2721

■ 2E2013

■ 2E2A25

■ 2E1E0E

■ 2E2C2A

■ 2E1C0A

■ 2E2E2E

■ 2E1A05

■ 2E3133

■ 2E1700

■ 2E3338

■ 2E353C

■ 2E3741

■ 2E3A45

Harmonies

Analogous

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



31231F



2E251C



29271B

Triad

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



2E251C



182A29



2A242F

Complementary

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



2E251C



1C252E

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.



232632



2E251C



17292E

Square

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



2E251C



1C2A23



1C2831



30232A

Rectangle

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



2E251C



24281D



1C2831



282530

Sweetspot

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



2E251C



3B3734



2E1C25



1F1C1A



9E9E9E



1F1F1F

Same Dimension

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



2E251C



3B2D1F



2E2E1C



171615



572B00



D66B00

Inverse Universe

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



1C252E



1F2D3B



1C1C2E



151617



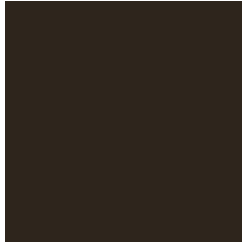
002B57



006BD6

Previews

White Background



This preview shows how the Hex color 2E251C looks on a white background.

Color Contrast Check

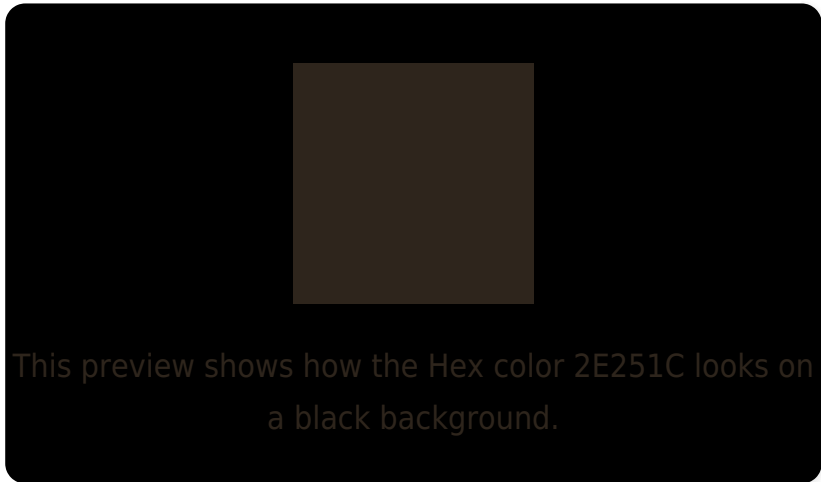
Large Text (above 18pt) WCAG AA ✓ Pass

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

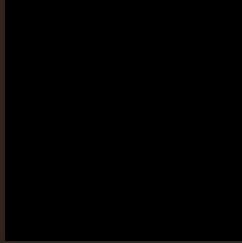
Any Text WCAG AA × Fail

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 2E251C Background



This preview shows how black text looks on a background with the Hex color 2E251C.

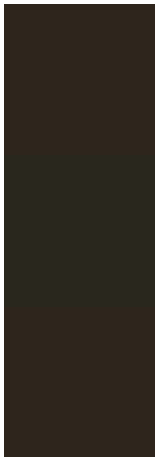


This preview shows how white text looks on a background with the Hex color 2E251C.

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
2E251C

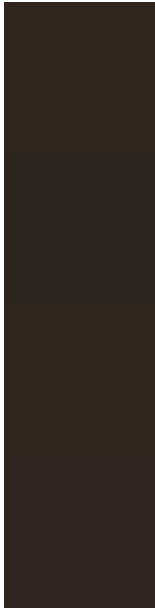
Protanopia
29271D

Deuteranopia
2E251C



Tritanopia
2F2426

Trichromacy



Original Color
2E251C

Protanomaly
2B261D

Deuteranomaly
2E251C

Tritanomaly
2F2422

Monochromacy



Original Color
2E251C

Achromatopsia
272727

Achromatomaly
2A2623

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E251C 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 #2E251C looks like.

```
.text, #text, p{  
    color:#2E251C  
}
```

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 #2E251C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E251C
}
```

Border

The CSS property to change the border of an element to Hex 2E251C is called "border". The border property can be set on classes, ids or directly on the HTML element.

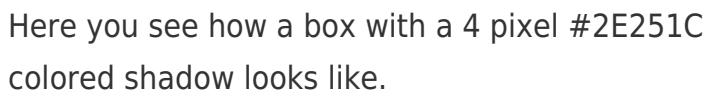
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E251C }
```

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

```
.border{ border-color:#2E251C }
```

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



Here you see how a box with a 4 pixel #2E251C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E251C; -webkit-box-shadow:4px 4px  
4px 4px #2E251C; box-shadow:4px 4px 4px  
4px #2E251C }
```

Background

The CSS property to change the background color of an element to Hex 2E251C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E251C }
```

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

```
.background{ background-color:#2E251C }
```

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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