

Converting Colors

Hex(2E271E)

Have a look what the booklet for
Hex(2E271E) contains.

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Color

Hex(2E271E)

Conversions

Conversions Part 1

Format	Color
Hex	2E271E
RGB	46, 39, 30
RGB Percent	18%, 15%, 12%
CMY	0.8196, 0.8471, 0.8824
CMYK	0.00, 0.15, 0.35, 0.82
HSL	34°, 21%, 15%
HSV	34°, 35%, 18%
XYZ	2.0866, 2.1256, 1.5286
YIQ	40.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

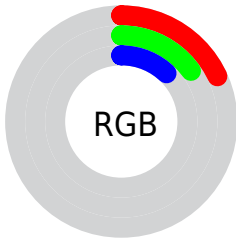
Format	Color
R_{YB}	42, 46, 30
Decimal	3024670
CIE Lab	16.13, 1.50, 7.15
CIE LCh	16, 7.309, 78.178
Yxy	2.1256, 0.3635, 0.3703
Android (android.graphics.Color)	4281214750 (0xFF2E271E)
YUV	40.0670, -4.9630, 5.2032
Hunter-Lab	14.5795, 0.0323, 3.9893

Details

The Hex color **2E271E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E252E**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5C544A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2519**, and if you desaturate by 10%, it is **2E2923**.

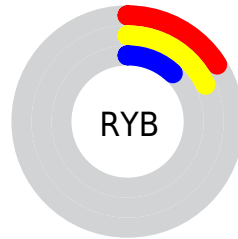
Distribution



Red (18%)

Green (15%)

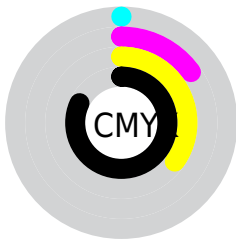
Blue (12%)



Red (16%)

Yellow (18%)

Blue (12%)

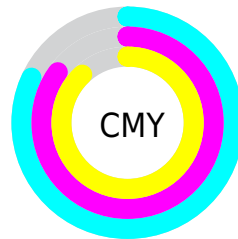


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E271E 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 2E271E by changing the saturation by 10% instead.

■ 2E271E

■ 2E271E

FFFFFF

■ 1A1205

■ 5C544A

■ 000000

■ 756C61

■ 8E857A

■ A99F94

■ C4BAAF

■ E0D6CA

■ FDF2E6

■ 2E271E

■ 2E271E

■ 2E2519

■ 2E2923

■ 2E2315

■ 2E2B27

■ 2E2110

■ 2E2D2C

■ 2E1F0C

■ 2E2F30

■ 2E1D07

■ 2E3135

■ 2E1B02

■ 2E333A

■ 2E1A00

■ 2E353E

■ 2E3743

■ 2E3947

Harmonies

Analogous

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



322521



2E271E



29291E

Triad

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



2E271E



1A2B2B



2D262F

Complementary

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



2E271E



1E252E

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.



262732



2E271E



1B2A30

Square

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



2E271E



1D2B26



202932



31252A

Rectangle

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



2E271E



252A20



202932



2B2630

Sweetspot

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



2E271E



3B3835



2E1E25



1F1D1B



9E9E9E



1F1F1F

Same Dimension

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



2E271E



3B3022



2D2E1E



171615



573100



D67800

Inverse Universe

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



1E252E



222D3B



1F1E2E



151617



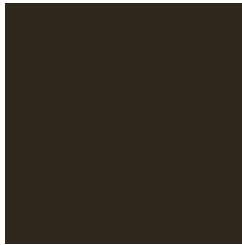
002657



005ED6

Previews

White Background



This preview shows how the Hex color 2E271E looks on a white background.

Color Contrast Check

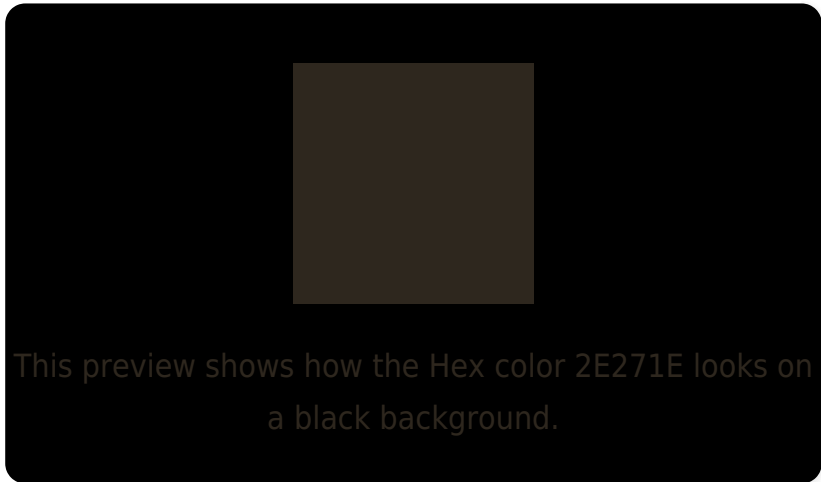
Large Text (above 18pt) WCAG AA ✓ Pass

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

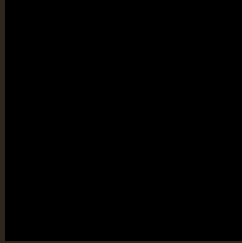
Any Text WCAG AA × Fail

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 2E271E Background



This preview shows how black text looks on a background with the Hex color 2E271E.

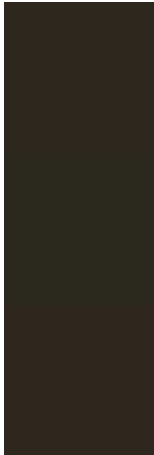


This preview shows how white text looks on a background with the Hex color 2E271E.

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
2E271E

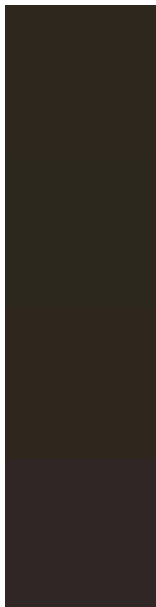
Protanopia
2B281E

Deuteranopia
2F261E



Tritanopia
2F2629

Trichromacy



Original Color

2E271E

Protanomaly

2C281E

Deuteranomaly

2F261E

Tritanomaly

2F2625

Monochromacy



Original Color

2E271E

Achromatopsia

282828

Achromatomaly

2A2824

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E271E 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 #2E271E looks like.

```
.text, #text, p{  
    color:#2E271E  
}
```

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 #2E271E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E271E
}
```

Border

The CSS property to change the border of an element to Hex 2E271E is called "border". The border property can be set on classes, ids or directly on the HTML element.

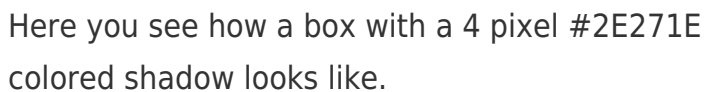
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E271E }
```

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

```
.border{ border-color:#2E271E }
```

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



Here you see how a box with a 4 pixel #2E271E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E271E; -webkit-box-shadow:4px 4px  
4px 4px #2E271E; box-shadow:4px 4px 4px  
4px #2E271E }
```

Background

The CSS property to change the background color of an element to Hex 2E271E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E271E }
```

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

```
.background{ background-color:#2E271E }
```

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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