

Converting Colors

Hex(2E2A1B)

Have a look what the booklet for
Hex(2E2A1B) contains.

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Color

Hex(2E2A1B)

Conversions

Conversions Part 1

Format	Color
Hex	2E2A1B
RGB	46, 42, 27
RGB Percent	18%, 16%, 11%
CMY	0.8196, 0.8353, 0.8941
CMYK	0.00, 0.09, 0.41, 0.82
HSL	47°, 26%, 14%
HSV	47°, 41%, 18%
XYZ	2.1525, 2.3159, 1.3705
YIQ	41.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

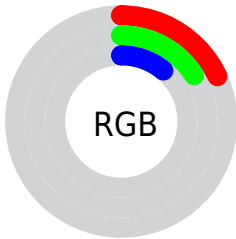
Format	Color
R_{YB}	32, 46, 27
Decimal	3025435
CIE Lab	17.06, -1.06, 10.49
CIE LCh	17, 10.539, 95.765
Yxy	2.3159, 0.3687, 0.3966
Android (android.graphics.Color)	4281215515 (0xFF2E2A1B)
YUV	41.4860, -7.1416, 3.9588
Hunter-Lab	15.2181, -1.3839, 5.3133

Details

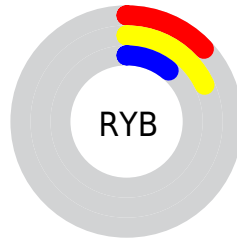
The Hex color **2E2A1B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B1F2E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5C5746**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2E2916**, and if you desaturate by 10%, it is **2E2B20**.

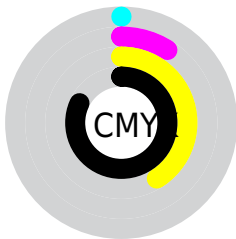
Distribution



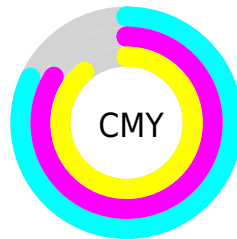
- Red (18%)
- Green (16%)
- Blue (11%)



- Red (13%)
- Yellow (18%)
- Blue (11%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (82%)



- Cyan (82%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2A1B 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 2E2A1B by changing the saturation by 10% instead.

■ 2E2A1B

■ 2E2A1B

FFFFFF

■ 1A1600

■ 5C5746

■ 000000

■ 75705E

■ 8F8977

■ A9A390

■ C5BEAB

■ E1DAC6

■ FDF6E2

■ 2E2A1B

■ 2E2A1B

■ 2E2916

■ 2E2B20

■ 2E2812

■ 2E2C24

■ 2E270D

■ 2E2D29

■ 2E2609

■ 2E2E2D

■ 2E2504

■ 2E2F32

■ 2E2400

■ 2E3037

■ 2E313B

■ 2E3240

■ 2E3344

Harmonies

Analogous

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



35271C



2E2A1B



262C1E

Triad

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



2E2A1B



132E33



352530

Complementary

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



2E2A1B



1B1F2E

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.



2D2836



2E2A1B



182C38

Square

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



2E2A1B



162E2B



232A39



392429

Rectangle

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



2E2A1B



202D21



232A39



332633

Sweetspot

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



2E2A1B



3B3934



2E1B1F



1F1E1A



9E9E9E



1F1F1F

Same Dimension

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



2E2A1B



3B341D



292E1B



171615



574400



D6A900

Inverse Universe

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



1B1F2E



1D233B



201B2E



151517



001257



002DD6

Previews

White Background



This preview shows how the Hex color 2E2A1B looks on a white background.

Color Contrast Check

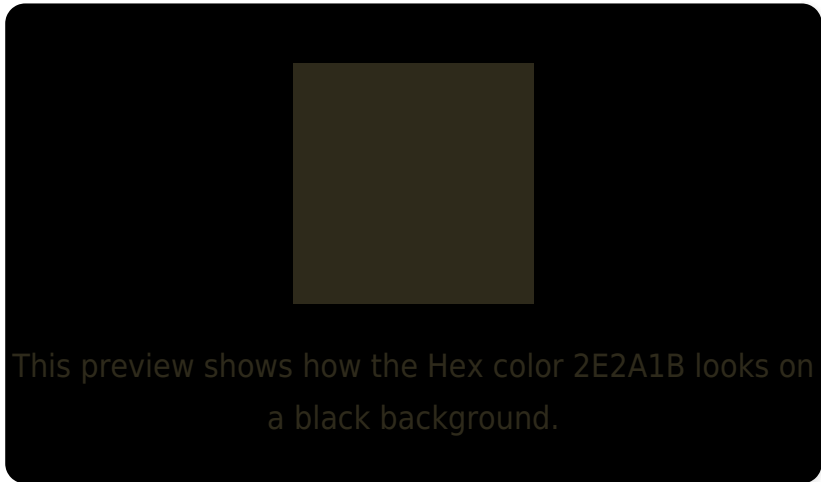
Large Text (above 18pt) WCAG AA ✓ Pass

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

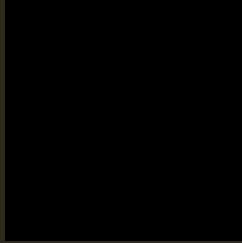
Any Text WCAG AA × Fail

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 2E2A1B Background



This preview shows how black text looks on a background with the Hex color 2E2A1B.

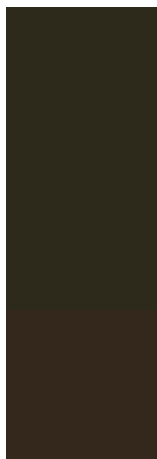


This preview shows how white text looks on a background with the Hex color 2E2A1B.

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
2E2A1B

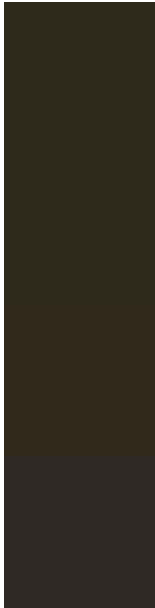
Protanopia
2E2A1B

Deuteranopia
33281B



Tritanopia
30282B

Trichromacy



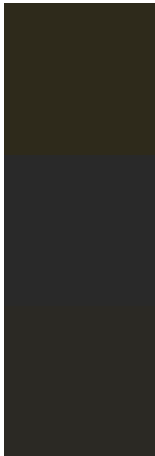
Original Color
2E2A1B

Protanomaly
2E2A1B

Deuteranomaly
31291B

Tritanomaly
2F2925

Monochromacy



Original Color
2E2A1B

Achromatopsia
292929

Achromatomaly
2B2924

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2A1B 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 #2E2A1B looks like.

```
.text, #text, p{  
    color:#2E2A1B  
}
```

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 #2E2A1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2A1B
}
```

Border

The CSS property to change the border of an element to Hex 2E2A1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

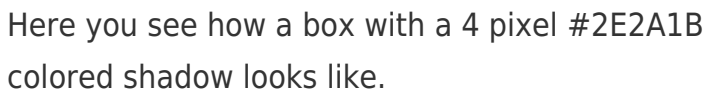
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2A1B }
```

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

```
.border{ border-color:#2E2A1B }
```

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



Here you see how a box with a 4 pixel #2E2A1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2A1B; -webkit-box-shadow:4px 4px  
4px 4px #2E2A1B; box-shadow:4px 4px 4px  
4px #2E2A1B }
```

Background

The CSS property to change the background color of an element to Hex 2E2A1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2A1B }
```

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

```
.background{ background-color:#2E2A1B }
```

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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