

Converting Colors

Hex(2E4E1D)

Have a look what the booklet for
Hex(2E4E1D) contains.

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Color

Hex(2E4E1D)

Conversions

Conversions Part 1

Format	Color
Hex	2E4E1D
RGB	46, 78, 29
RGB Percent	18%, 31%, 11%
CMY	0.8196, 0.6941, 0.8863
CMYK	0.41, 0.00, 0.63, 0.69
HSL	99°, 46%, 21%
HSV	99°, 63%, 31%
XYZ	4.0729, 6.1183, 2.1287
YIQ	62.8460, -3.3430, -22.0230

Conversions

Conversions Part 2

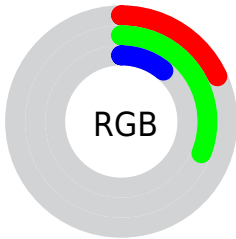
Format	Color
RYB	29, 78, 61
Decimal	3034653
CIELab	29.71, -22.05, 24.93
CIElCh	30, 33.285, 131.497
Yxy	6.1183, 0.3306, 0.4966
Android (android.graphics.Color)	4281224733 (0xFF2E4E1D)
YUV	62.8460, -16.6861, -14.7739
Hunter-Lab	24.7353, -13.8951, 12.2122

Details

The Hex color **2E4E1D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3D1D4E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5E7F4B**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **294E15**, and if you desaturate by 10%, it is **334E25**.

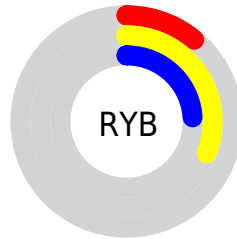
Distribution



Red (18%)

Green (31%)

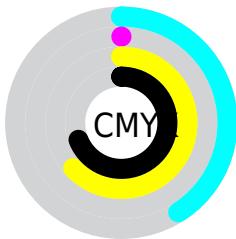
Blue (11%)



Red (11%)

Yellow (31%)

Blue (24%)

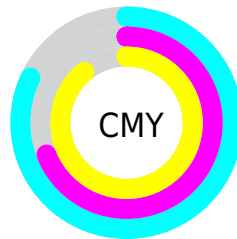


Cyan (41%)

Magenta (0%)

Yellow (63%)

Black (69%)



Cyan (82%)

Magenta (69%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4E1D 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 2E4E1D by changing the saturation by 10% instead.



2E4E1D



2E4E1D

FFFFFF



173706



5E7F4B



002200



789963



000000



92B47C



ADD096



C9ECB1



E5FFCD



FFFFE9



2E4E1D



2E4E1D

■ 294E15

■ 334E25

■ 244E0D

■ 384E2D

■ 1F4E06

■ 3D4E34

■ 1B4E00

■ 424E3C

■ 474E44

■ 4D4E4C

■ 524E54

■ 574E5B

■ 5C4E63

Harmonies

Analogous

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



4A480F



2E4E1D



005135

Triad

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



2E4E1D



004D77



752E3D

Complementary

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



2E4E1D



3D1D4E

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.



6D3157



2E4E1D



274579

Square

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



2E4E1D



005168



543B6D



703525

Rectangle

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



2E4E1D



005247



543B6D



742E46

Sweetspot

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



2E4E1D



596653



4E3D1D



2B3327



B3B3B3



333333

Same Dimension

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



2E4E1D



34661A



1D4E24



242622



236600



50E600

Inverse Universe

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



3D1D4E



4B1A66



4E1D47



252226



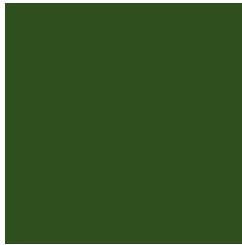
430066



9600E6

Previews

White Background



This preview shows how the Hex color 2E4E1D looks on a white background.

Color Contrast Check

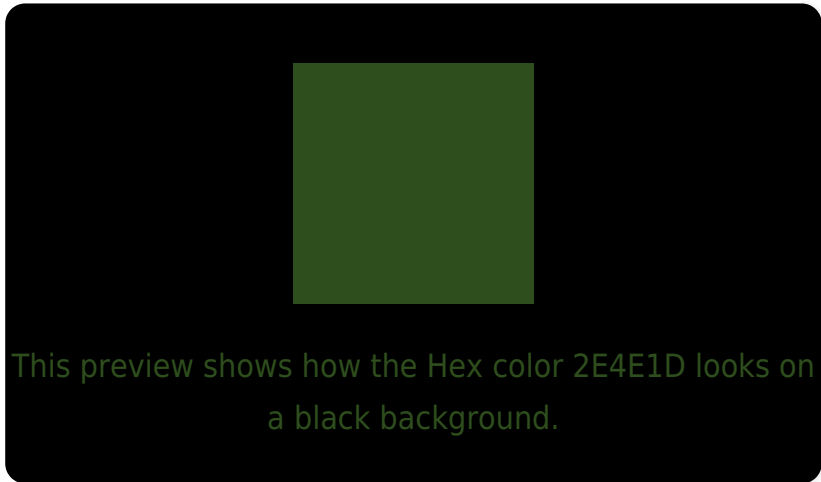
Large Text (above 18pt) WCAG AA ✓ Pass

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

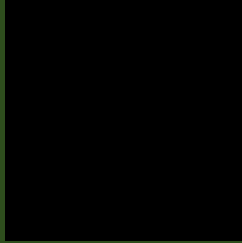
Any Text WCAG AA × Fail

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 2E4E1D Background



This preview shows how black text looks on a background with the Hex color 2E4E1D.



This preview shows how white text looks on a background with the Hex color 2E4E1D.

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](#).

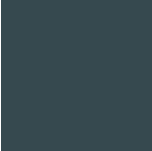
Dichromacy



Original Color
2E4E1D

Protanopia
4E461B

Deuteranopia
564221



Tritanopia
36494F

Trichromacy



Original Color

2E4E1D

Protanomaly

42491C

Deuteranomaly

474620

Tritanomaly

334B3D

Monochromacy



Original Color

2E4E1D

Achromatopsia

3F3F3F

Achromatomaly

394433

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4E1D 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 #2E4E1D looks like.

```
.text, #text, p{  
    color:#2E4E1D  
}
```

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 #2E4E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4E1D
}
```

Border

The CSS property to change the border of an element to Hex 2E4E1D 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
#2E4E1D }
```

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

```
.border{ border-color:#2E4E1D }
```

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

Here you see how a box with a 4 pixel #2E4E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4E1D; -webkit-box-shadow:4px 4px  
4px 4px #2E4E1D; box-shadow:4px 4px 4px  
4px #2E4E1D }
```

Background

The CSS property to change the background color of an element to Hex 2E4E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4E1D }
```

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

```
.background{ background-color:#2E4E1D }
```

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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