

# Converting Colors

Hex(2E541E)

Have a look what the booklet for  
Hex(2E541E) contains.

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# Color

Hex(2E541E)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E541E
RGB	46, 84, 30
RGB Percent	18%, 33%, 12%
CMY	0.8196, 0.6706, 0.8824
CMYK	0.45, 0.00, 0.64, 0.67
HSL	102°, 47%, 22%
HSV	102°, 64%, 33%
XYZ	4.5314, 7.0152, 2.3435
YIQ	66.4820, -5.3140, -24.8500

# Conversions

## Conversions Part 2

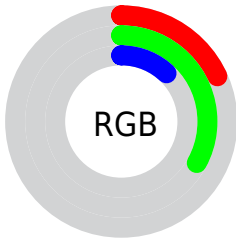
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 84, 68
Decimal	3036190
CIE <sub>Lab</sub>	31.84, -24.91, 26.85
CIE <sub>LCh</sub>	32, 36.629, 132.854
Yxy	7.0152, 0.3262, 0.5051
Android (android.graphics.Color)	4281226270 (0xFF2E541E)
YUV	66.4820, -17.9856, -17.9627
Hunter-Lab	26.4863, -15.8125, 13.2943

# Details

The Hex color **2E541E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **441E54**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5F864C**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **285416**, and if you desaturate by 10%, it is **345426**.

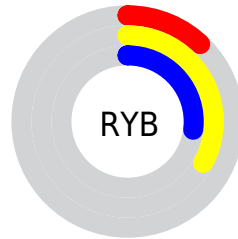
# Distribution



Red (18%)

Green (33%)

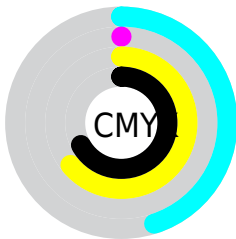
Blue (12%)



Red (12%)

Yellow (33%)

Blue (27%)

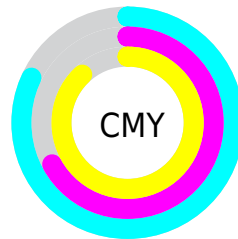


Cyan (45%)

Magenta (0%)

Yellow (64%)

Black (67%)



Cyan (82%)

Magenta (67%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E541E 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 2E541E by changing the saturation by 10% instead.





2E541E



2E541E

FFFFFF



163D07



5F864C



002600



79A065



000C00



93BB7E



000000



AED798



CAF4B3



E6FFCF



FFFFEB



2E541E



2E541E

■ 285416

■ 345426

■ 22540D

■ 3A542F

■ 1C5405

■ 405437

■ 195400

■ 465440

■ 4C5448

■ 515450

■ 575459

■ 5D5461

■ 63546A

# Harmonies

## Analogous

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



4E4D0C



2E541E



005839

# Triad

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



2E541E



005382



7F3040

# Complementary

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



2E541E



441E54

# 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.



77335D



2E541E



2A4A83

# Square

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



2E541E



005771



5C3E75



793825

# Rectangle

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



2E541E



00594D



5C3E75



7E3049



# Sweetspot

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



2E541E



5F6E59



54441E



2F382B



B8B8B8



383838



# Same Dimension

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



2E541E



326E19



1E5429



262925



1F6900



45E800



# Inverse Universe

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



441E54



55196E



541E49



282529



4A0069



A300E8



# Previews

## White Background



This preview shows how the Hex color 2E541E looks on a white background.

## Color Contrast Check

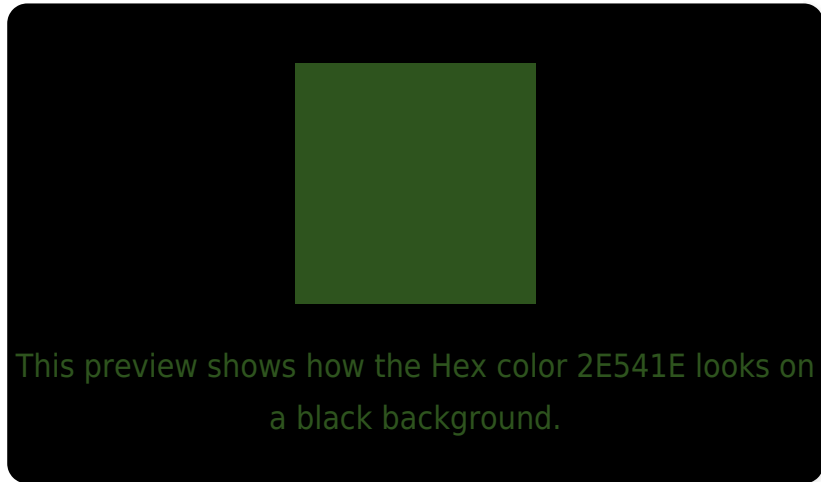
Large Text (above 18pt) WCAG AA ✓ Pass

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

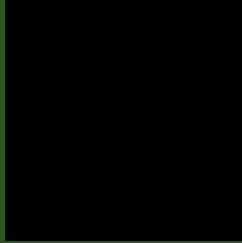
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E541E Background



This preview shows how black text looks on a background with the Hex color 2E541E.



This preview shows how white text looks on a background with the Hex color 2E541E.

# 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**  
2E541E

**Protanopia**  
534B1B

**Deuteranopia**  
5C4722



**Tritanopia**  
374F55

# Trichromacy



**Original Color**  
2E541E

**Protanomaly**  
464E1C

**Deuteranomaly**  
4B4C21

**Tritanomaly**  
345141

# Monochromacy



**Original Color**  
2E541E

**Achromatopsia**  
424242

**Achromatomaly**  
3B4935

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E541E 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 #2E541E looks like.

```
.text, #text, p{  
    color:#2E541E  
}
```

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 #2E541E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E541E
}
```

## Border

The CSS property to change the border of an element to Hex 2E541E 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".

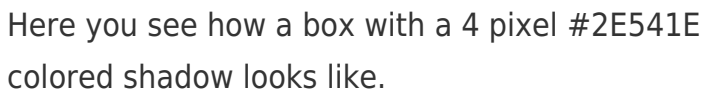
```
.border, #border, table{ border:4px solid
#2E541E }
```

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

```
.border{ border-color:#2E541E }
```

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

Here you see how a box with a 4 pixel #2E541E colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E541E; -webkit-box-shadow:4px 4px  
4px 4px #2E541E; box-shadow:4px 4px 4px  
4px #2E541E }
```

# Background

The CSS property to change the background color of an element to Hex 2E541E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E541E }
```

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

```
.background{ background-color:#2E541E }
```

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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