

# Converting Colors

Hex(2E851C)

Have a look what the booklet for  
Hex(2E851C) contains.

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# Color

Hex(2E851C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E851C
RGB	46, 133, 28
RGB Percent	18%, 52%, 11%
CMY	0.8196, 0.4784, 0.8902
CMYK	0.65, 0.00, 0.79, 0.48
HSL	110°, 65%, 32%
HSV	110°, 79%, 52%
XYZ	9.7238, 17.4397, 3.9523
YIQ	95.0170, -18.1470, -51.0990

# Conversions

## Conversions Part 2

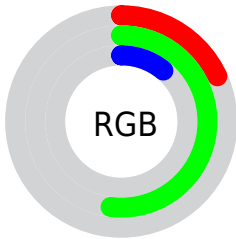
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 133, 115
Decimal	3048732
CIE Lab	48.81, -45.50, 45.52
CIE LCh	49, 64.362, 134.988
Yxy	17.4397, 0.3125, 0.5605
Android (android.graphics.Color)	4281238812 (0xFF2E851C)
YUV	95.0170, -33.0394, -42.9879
Hunter-Lab	41.7609, -31.5187, 23.6213

# Details

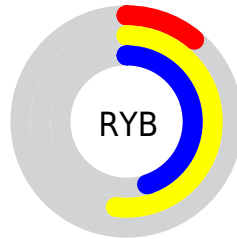
The Hex color **2E851C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **731C85**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **68BB50**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **23850F**, and if you desaturate by 10%, it is **398529**.

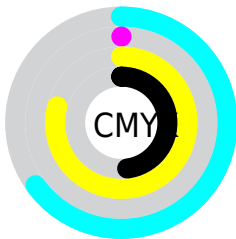
# Distribution



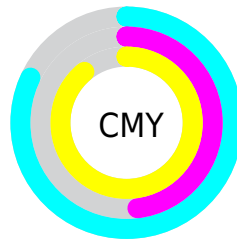
- Red (18%)
- Green (52%)
- Blue (11%)



- Red (11%)
- Yellow (52%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (79%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E851C 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 2E851C by changing the saturation by 10% instead.



 2E851C

 2E851C

FFFFFF

 036B00

 68BB50

 005200

 84D76A

 003A00

 A0F485

 002500

 BCFFA0

 000000

 D9FFBB

 F7FFD8

 FFFFF5

 2E851C

 2E851C

■ 23850F

■ 398529

■ 188501

■ 448537

■ 178500

■ 4F8544

■ 5A8551

■ 65855F

■ 70856C

■ 7B8579

■ 868586

■ 918594

# Harmonies

## Analogous

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



737A00



2E851C



008B56

# Triad

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



2E851C



0082DE



D4375B

# Complementary

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



2E851C



731C85

# 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.



C73C92



2E851C



1F71DE

# Square

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



2E851C



008AC0



9858C2



C54E28

# Rectangle

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



2E851C



008C7C



9858C2



D3356D



# Sweetspot

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



2E851C



8BAD84



85721C



42573E



D6D6D6



575757



# Same Dimension

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



2E851C



25AD09



1C853D



3D423C



168200



000300



# Inverse Universe

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



731C85



9109AD



851C64



413C42



6C0082



020003



# Previews

## White Background



This preview shows how the Hex color 2E851C looks on a white background.

## Color Contrast Check

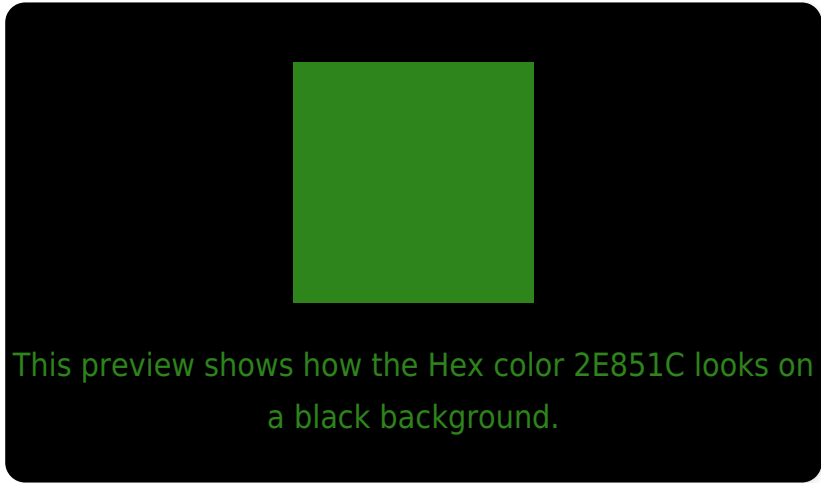
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

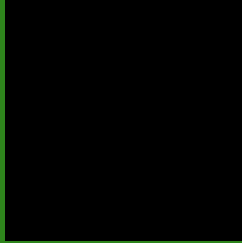
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E851C Background



This preview shows how black text looks on a background with the Hex color 2E851C.



This preview shows how white text looks on a background with the Hex color 2E851C.

# 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**  
2E851C

**Protanopia**  
827418

**Deuteranopia**  
906D27



**Tritanopia**  
467C86

# Trichromacy



**Original Color**  
2E851C



**Protanomaly**  
637A19



**Deuteranomaly**  
6C7623



**Tritanomaly**  
3D7F5F

# Monochromacy



**Original Color**  
2E851C



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
4D6D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E851C 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 #2E851C looks like.

```
.text, #text, p{  
    color:#2E851C  
}
```

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 #2E851C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E851C
}
```

## Border

The CSS property to change the border of an element to Hex 2E851C 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
#2E851C }
```

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

```
.border{ border-color:#2E851C }
```

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

Here you see how a box with a 4 pixel #2E851C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E851C; -webkit-box-shadow:4px 4px  
4px 4px #2E851C; box-shadow:4px 4px 4px  
4px #2E851C }
```

# Background

The CSS property to change the background color of an element to Hex 2E851C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E851C }
```

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

```
.background{ background-color:#2E851C }
```

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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