

# Converting Colors

Hex(2E8B2C)

Have a look what the booklet for  
Hex(2E8B2C) contains.

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# Color

Hex(2E8B2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E8B2C
RGB	46, 139, 44
RGB Percent	18%, 55%, 17%
CMY	0.8196, 0.4549, 0.8275
CMYK	0.67, 0.00, 0.68, 0.45
HSL	119°, 52%, 36%
HSV	119°, 68%, 55%
XYZ	10.8140, 19.2279, 5.5243
YIQ	100.3630, -24.9330, -49.2610

# Conversions

## Conversions Part 2

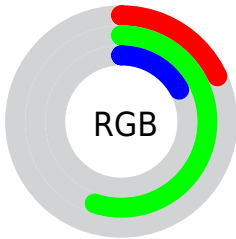
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 139, 137
Decimal	3050284
CIELab	50.95, -46.31, 41.40
CIELCh	51, 62.114, 138.207
Yxy	19.2279, 0.3041, 0.5406
Android (android.graphics.Color)	4281240364 (0xFF2E8B2C)
YUV	100.3630, -27.7870, -47.6764
Hunter-Lab	43.8497, -32.7163, 23.2253

# Details

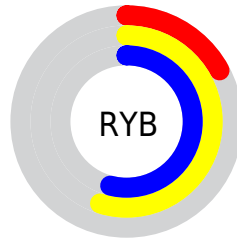
The Hex color **2E8B2C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **892C8B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **68C15E**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **208B1E**, and if you desaturate by 10%, it is **3C8B3A**.

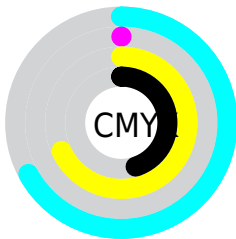
# Distribution



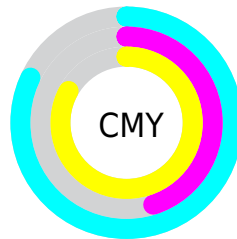
- Red (18%)
- Green (55%)
- Blue (17%)



- Red (17%)
- Yellow (55%)
- Blue (54%)



- Cyan (67%)
- Magenta (0%)
- Yellow (68%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E8B2C 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 2E8B2C by changing the saturation by 10% instead.



 2E8B2C

 2E8B2C

FFFFFF

 017111

 68C15E

 005800

 84DE78

 003F00

 A0FB93

 002A00

 BDFFAE

 000700

 DAFFCA

 000000

 F8FFE6

 2E8B2C

 2E8B2C

 208B1E

 3C8B3A

 138B10

 498B48

 058B02

 578B56

 038B00

 648B64

 728B72

 808B7F

 8D8B8D

 9B8B9B

 A88BA9

# Harmonies

## Analogous

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



738100



2E8B2C



009062

# Triad

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



2E8B2C



0086E2



D7435C

# Complementary

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



2E8B2C



892C8B

# 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.



CD4491



2E8B2C



4874DF

# Square

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



2E8B2C



008FC8



A35BC1



C6582A

# Rectangle

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



2E8B2C



009187



A35BC1



D7406D



# Sweetspot

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



2E8B2C



90B58F



8B882C



455C45



DBDBDB



5C5C5C



# Same Dimension

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



2E8B2C



24B521



2C8B58



3E453E



038500



000500



# Inverse Universe

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



892C8B



B221B5



8B2C5F



453E45



820085



050005



# Previews

## White Background



This preview shows how the Hex color 2E8B2C looks on a white background.

## Color Contrast Check

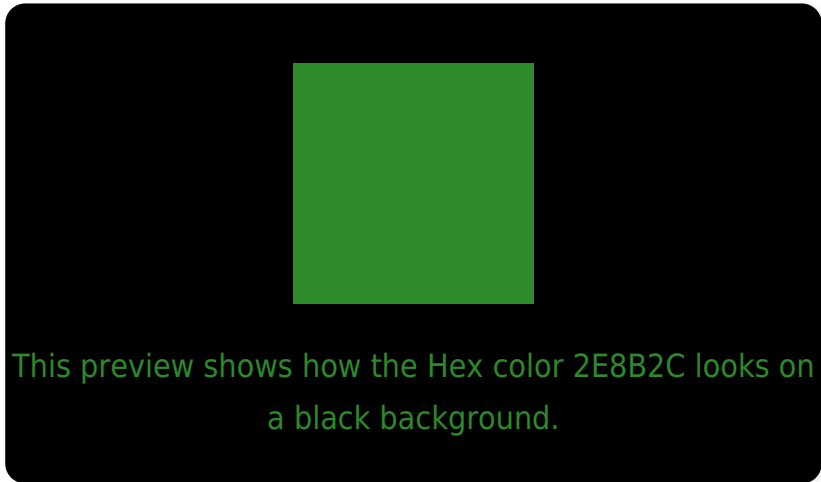
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

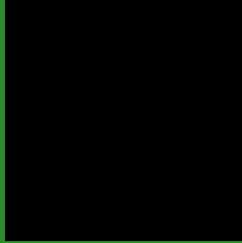
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2E8B2C Background



This preview shows how black text looks on a background with the Hex color 2E8B2C.




This preview shows how white text looks on a background with the Hex color 2E8B2C.

# 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





**Tritanopia**  
47828C

# Trichromacy



**Original Color**  
2E8B2C



**Protanomaly**  
678029



**Deuteranomaly**  
707C31



**Tritanomaly**  
3E8569

# Monochromacy



**Original Color**  
2E8B2C



**Achromatopsia**  
646464



**Achromatomaly**  
507250

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E8B2C 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 #2E8B2C looks like.

```
.text, #text, p{  
    color:#2E8B2C  
}
```

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 #2E8B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8B2C
}
```

## Border

The CSS property to change the border of an element to Hex 2E8B2C 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
#2E8B2C }
```

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

```
.border{ border-color:#2E8B2C }
```

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

Here you see how a box with a 4 pixel #2E8B2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8B2C; -webkit-box-shadow:4px 4px  
4px 4px #2E8B2C; box-shadow:4px 4px 4px  
4px #2E8B2C }
```

# Background

The CSS property to change the background color of an element to Hex 2E8B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8B2C }
```

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

```
.background{ background-color:#2E8B2C }
```

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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