

Converting Colors

Hex(2E8E3B)

Have a look what the booklet for
Hex(2E8E3B) contains.

Hex(2E8E3B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E8E3B)

Conversions

Conversions Part 1

Format	Color
Hex	2E8E3B
RGB	46, 142, 59
RGB Percent	18%, 56%, 23%
CMY	0.8196, 0.4431, 0.7686
CMYK	0.68, 0.00, 0.58, 0.44
HSL	128°, 51%, 37%
HSV	128°, 68%, 56%
XYZ	11.5891, 20.2426, 7.4341
YIQ	103.8340, -30.5730, -46.1650

Conversions

Conversions Part 2

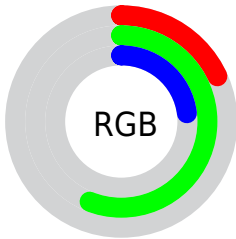
Format	Color
R_{YB}	46, 131, 142
Decimal	3051067
CIE Lab	52.11, -45.64, 35.69
CIE LCh	52, 57.939, 141.978
Yxy	20.2426, 0.2951, 0.5155
Android (android.graphics.Color)	4281241147 (0xFF2E8E3B)
YUV	103.8340, -22.1032, -50.7204
Hunter-Lab	44.9918, -32.7570, 21.6977

Details

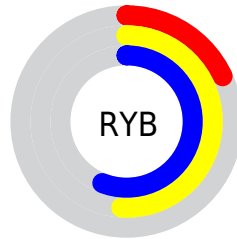
The Hex color **2E8E3B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E2E81**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68C56D**, and **005A08** is the 20% darker color. If you saturate the color by 10%, you get **208E2F**, and if you desaturate by 10%, it is **3C8E47**.

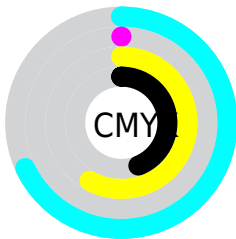
Distribution



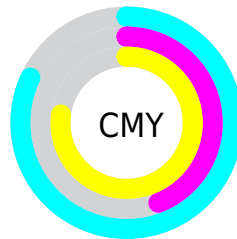
- Red (18%)
- Green (56%)
- Blue (23%)



- Red (18%)
- Yellow (51%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (58%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8E3B 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 2E8E3B by changing the saturation by 10% instead.



2E8E3B



2E8E3B

FFFFFF



017423



68C56D



005A08



84E187



004200



A0FEA1



002C00



BDFFB D



000E00



DAFFD9



000000



F8FFF6



2E8E3B



2E8E3B



208E2F



3C8E47

 128E22

 4A8E54

 038E16

 598E60

 008E13

 678E6C

 758E78

 838E85

 918E91

 A08E9D

 AE8EA9

Harmonies

Analogous

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



71850E



2E8E3B



00936D

Triad

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



2E8E3B



0086DF



D44E5A

Complementary

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



2E8E3B



8E2E81

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.



CE4C8C



2E8E3B



6175D9

Square

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



2E8E3B



0090CA



AB5EBA



C3612E

Rectangle

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



2E8E3B



00948F



AB5EBA



D54B6A

Sweetspot

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



2E8E3B



93B898



818E2E



465C49



DBDBDB



5C5C5C

Same Dimension

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



2E8E3B



23B837



2E8E6B



404741



008712



000801

Inverse Universe

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



8E2E81



B823A3



8E2E51



474046



870075



080007

Previews

White Background



This preview shows how the Hex color 2E8E3B looks on a white background.

Color Contrast Check

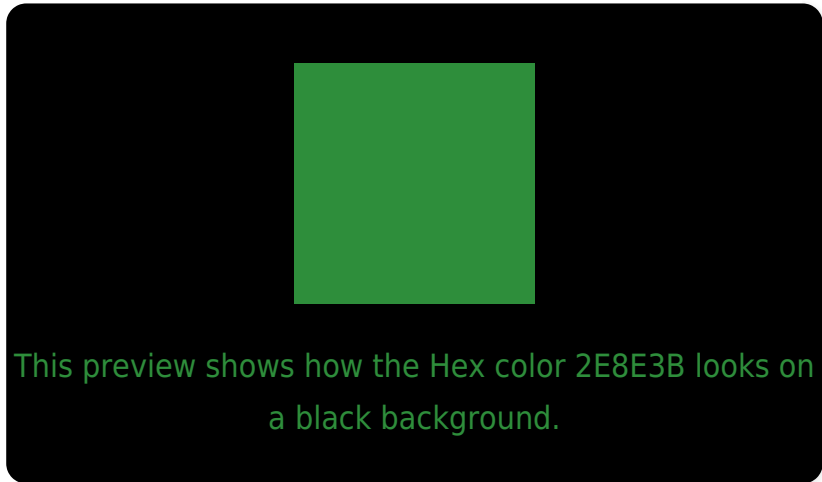
Large Text (above 18pt) WCAG AA ✓ Pass

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

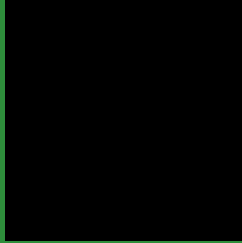
Any Text WCAG AA ✓ Pass

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 2E8E3B Background



This preview shows how black text looks on a background with the Hex color 2E8E3B.



This preview shows how white text looks on a background with the Hex color 2E8E3B.

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](#).

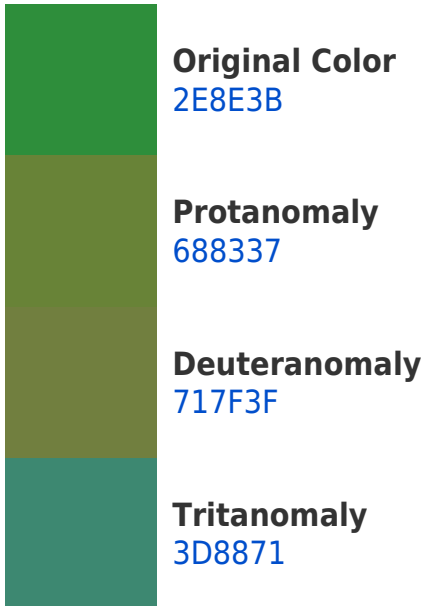
Dichromacy





Tritanopia
468590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8E3B 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 #2E8E3B looks like.

```
.text, #text, p{  
    color:#2E8E3B  
}
```

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 #2E8E3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8E3B
}
```

Border

The CSS property to change the border of an element to Hex 2E8E3B 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
#2E8E3B }
```

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

```
.border{ border-color:#2E8E3B }
```

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

Here you see how a box with a 4 pixel #2E8E3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8E3B; -webkit-box-shadow:4px 4px  
4px 4px #2E8E3B; box-shadow:4px 4px 4px  
4px #2E8E3B }
```

Background

The CSS property to change the background color of an element to Hex 2E8E3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8E3B }
```

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

```
.background{ background-color:#2E8E3B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor