

# Converting Colors

Hex(2E8F34)

Have a look what the booklet for  
Hex(2E8F34) contains.

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# Color

Hex(2E8F34)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E8F34
RGB	46, 143, 52
RGB Percent	18%, 56%, 20%
CMY	0.8196, 0.4392, 0.7961
CMYK	0.68, 0.00, 0.64, 0.44
HSL	124°, 51%, 37%
HSV	124°, 68%, 56%
XYZ	11.5690, 20.4737, 6.5909
YIQ	103.6230, -28.6010, -48.8650

# Conversions

## Conversions Part 2

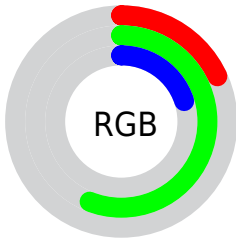
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 137, 143
Decimal	3051316
CIELab	52.37, -46.90, 39.35
CIElCh	52, 61.220, 140.003
Yxy	20.4737, 0.2995, 0.5299
Android (android.graphics.Color)	4281241396 (0xFF2E8F34)
YUV	103.6230, -25.4501, -50.5354
Hunter-Lab	45.2479, -33.5448, 23.0372

# Details

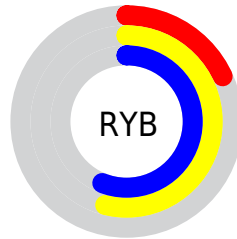
The Hex color **2E8F34** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F2E89**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **69C666**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **208F27**, and if you desaturate by 10%, it is **3C8F41**.

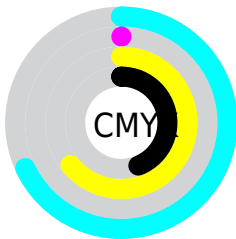
# Distribution



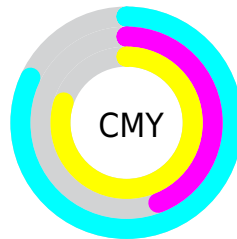
- Red (18%)
- Green (56%)
- Blue (20%)



- Red (18%)
- Yellow (54%)
- Blue (56%)



- Cyan (68%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)



- Cyan (82%)
- Magenta (44%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E8F34 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 2E8F34 by changing the saturation by 10% instead.





2E8F34



2E8F34

FFFFFF



00751B



69C666



005B00



85E280



004300



A1FF9B



002D00



BEFFB6



000F00



DBFFD2



000000



F9FFEF



2E8F34



2E8F34



208F27



3C8F41

■ 118F19

■ 4B8F4F

■ 038F0C

■ 598F5C

■ 008F09

■ 678F6A

■ 758F77

■ 848F84

■ 928F92

■ A08F9F

■ AF8FAD

# Harmonies

## Analogous

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



748500



2E8F34



009469

# Triad

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



2E8F34



0088E5



DA495C

# Complementary

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



2E8F34



8F2E89

# 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.



D24991



2E8F34



5677E0

# Square

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



2E8F34



0092CD



AA5EC1



C85E2C

# Rectangle

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



2E8F34



00958E



AA5EC1



DA466E



# Sweetspot

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



2E8F34



95BA97



8A8F2E



485E49



DEDEDE



5E5E5E



# Same Dimension

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



2E8F34



23BA2D



2E8F63



404741



008708



000800



# Inverse Universe

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



8F2E89



BA23B1



8F2E5A



474047



87007F



080007



# Previews

## White Background



This preview shows how the Hex color 2E8F34 looks on a white background.

## Color Contrast Check

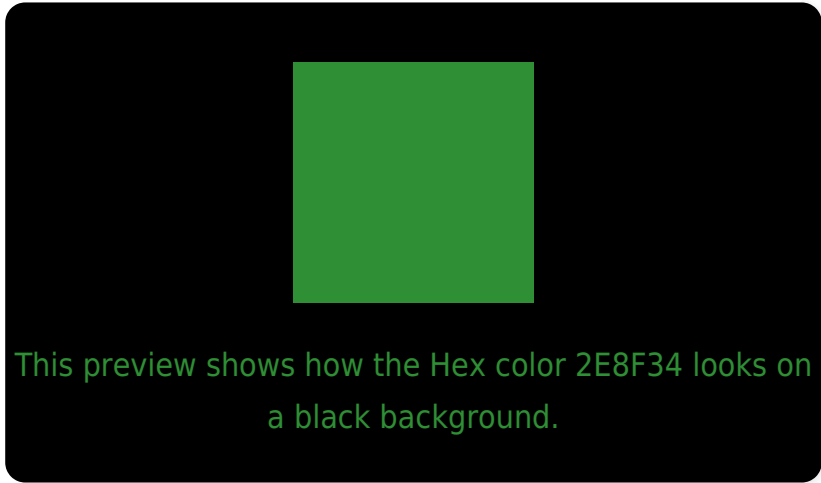
Large Text (above 18pt) WCAG AA ✓ Pass

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

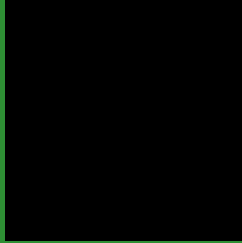
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2E8F34 Background



This preview shows how black text looks on a background with the Hex color 2E8F34.

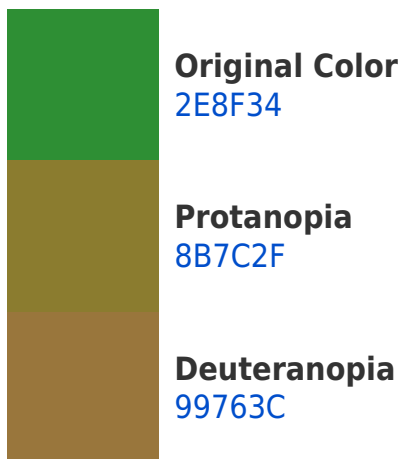


This preview shows how white text looks on a background with the Hex color 2E8F34.

# 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**  
478691

# Trichromacy



**Original Color**  
2E8F34



**Protanomaly**  
698331



**Deuteranomaly**  
727F39



**Tritanomaly**  
3E896F

# Monochromacy



**Original Color**  
2E8F34



**Achromatopsia**  
686868



**Achromatomaly**  
537655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E8F34 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 #2E8F34 looks like.

```
.text, #text, p{  
    color:#2E8F34  
}
```

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 #2E8F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8F34
}
```

## Border

The CSS property to change the border of an element to Hex 2E8F34 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
#2E8F34 }
```

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

```
.border{ border-color:#2E8F34 }
```

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

Here you see how a box with a 4 pixel #2E8F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8F34; -webkit-box-shadow:4px 4px  
4px 4px #2E8F34; box-shadow:4px 4px 4px  
4px #2E8F34 }
```

# Background

The CSS property to change the background color of an element to Hex 2E8F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8F34 }
```

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

```
.background{ background-color:#2E8F34 }
```

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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