

Converting Colors

Hex(2E9D3E)

Have a look what the booklet for
Hex(2E9D3E) contains.

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Color

Hex(2E9D3E)

Conversions

Conversions Part 1

Format	Color
Hex	2E9D3E
RGB	46, 157, 62
RGB Percent	18%, 62%, 24%
CMY	0.8196, 0.3843, 0.7569
CMYK	0.71, 0.00, 0.61, 0.38
HSL	129°, 55%, 40%
HSV	129°, 71%, 62%
XYZ	14.0532, 25.0426, 8.6505
YIQ	112.9810, -35.6610, -53.0770

Conversions

Conversions Part 2

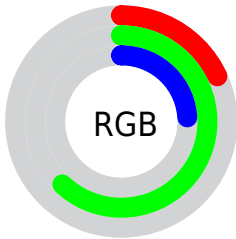
Format	Color
RYB	46, 143, 157
Decimal	3054910
CIELab	57.12, -50.77, 40.09
CIELCh	57, 64.684, 141.706
Yxy	25.0426, 0.2943, 0.5245
Android (android.graphics.Color)	4281244990 (0xFF2E9D3E)
YUV	112.9810, -25.1336, -58.7423
Hunter-Lab	50.0426, -37.4473, 24.7808

Details

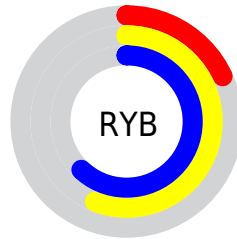
The Hex color **2E9D3E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D2E8D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BD571**, and **006808** is the 20% darker color. If you saturate the color by 10%, you get **1E9D31**, and if you desaturate by 10%, it is **3E9D4B**.

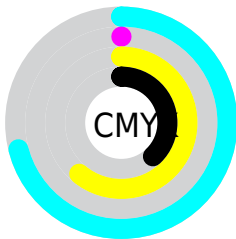
Distribution



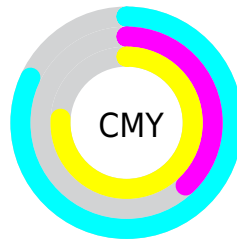
- Red (18%)
- Green (62%)
- Blue (24%)



- Red (18%)
- Yellow (56%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (61%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9D3E 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 2E9D3E by changing the saturation by 10% instead.

 2E9D3E

 2E9D3E

FFFFFF

 008225

 6BD571

 006808

 88F18B

 004F00

 A5FFA6

 003700

 C2FFC2

 002000

 DFFFDE

 000000

 FDFFFB

 2E9D3E

 2E9D3E

 1E9D31

 3E9D4B

■ 0F9D23

■ 4D9D59

■ 009D17

■ 5D9D66

■ 6D9D74

■ 7D9D81

■ 8C9D8F

■ 9C9D9C

■ AC9DA9

■ BB9DB7

Harmonies

Analogous

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



7D9202



2E9D3E



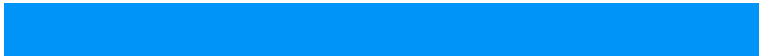
00A277

Triad

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



2E9D3E



0094F9



ED5363

Complementary

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



2E9D3E



9D2E8D

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.



E6519B



2E9D3E



6881F3

Square

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



2E9D3E



009FE1



BD67D0



D96930

Rectangle

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



2E9D3E



00A39E



BD67D0



EE4F75

Sweetspot

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



2E9D3E



A1CCA7



8E9D2E



4D6650



E6E6E6



666666

Same Dimension

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



2E9D3E



1FCC38



2E9D74



474F48



008F15



000F02

Inverse Universe

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



9D2E8D



CC1FB3



9D2E57



4F474E



8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 2E9D3E looks on a white background.

Color Contrast Check

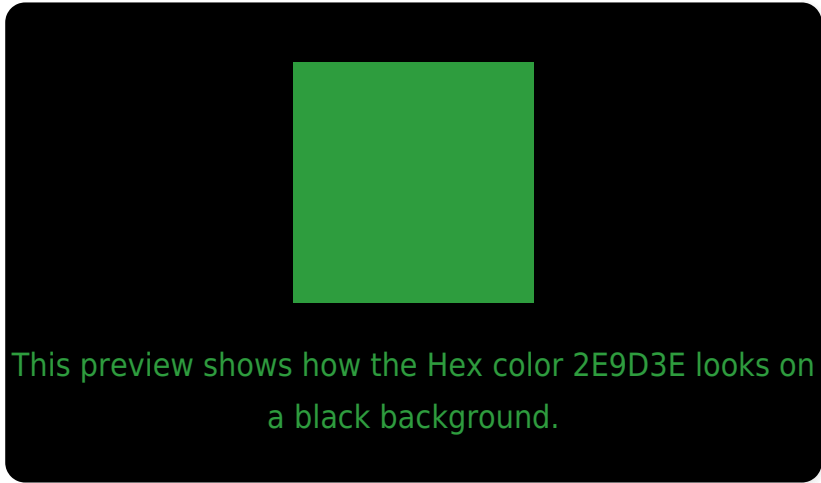
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9D3E Background



This preview shows how black text looks on a background with the Hex color 2E9D3E.



This preview shows how white text looks on a background with the Hex color 2E9D3E.

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
2E9D3E

Protanopia
988838

Deuteranopia
A78246



Tritanopia
4B939F

Trichromacy



Original Color
2E9D3E



Protanomaly
71903A



Deuteranomaly
7B8C43



Tritanomaly
40977C

Monochromacy



Original Color
2E9D3E



Achromatopsia
717171



Achromatomaly
59815E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9D3E 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 #2E9D3E looks like.

```
.text, #text, p{  
    color:#2E9D3E  
}
```

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 #2E9D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9D3E
}
```

Border

The CSS property to change the border of an element to Hex 2E9D3E 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
#2E9D3E }
```

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

```
.border{ border-color:#2E9D3E }
```

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

Here you see how a box with a 4 pixel #2E9D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9D3E; -webkit-box-shadow:4px 4px  
4px 4px #2E9D3E; box-shadow:4px 4px 4px  
4px #2E9D3E }
```

Background

The CSS property to change the background color of an element to Hex 2E9D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9D3E }
```

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

```
.background{ background-color:#2E9D3E }
```

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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