

Converting Colors

Hex(2E9A57)

Have a look what the booklet for
Hex(2E9A57) contains.

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Color

Hex(2E9A57)

Conversions

Conversions Part 1

Format	Color
Hex	2E9A57
RGB	46, 154, 87
RGB Percent	18%, 60%, 34%
CMY	0.8196, 0.3961, 0.6588
CMYK	0.70, 0.00, 0.44, 0.40
HSL	143°, 54%, 39%
HSV	143°, 70%, 60%
XYZ	14.4026, 24.3802, 12.9636
YIQ	114.0700, -42.8610, -43.7330

Conversions

Conversions Part 2

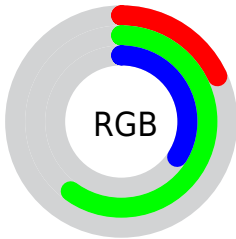
Format	Color
RYB	46, 124, 154
Decimal	3054167
CIELab	56.47, -45.79, 26.55
CIELCh	56, 52.931, 149.892
Yxy	24.3802, 0.2783, 0.4711
Android (android.graphics.Color)	4281244247 (0xFF2E9A57)
YUV	114.0700, -13.3455, -59.6974
Hunter-Lab	49.3763, -34.3416, 18.9970

Details

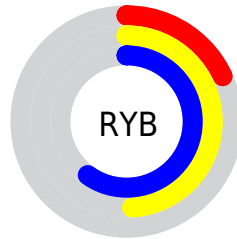
The Hex color **2E9A57** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A2E71**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6AD18A**, and **006628** is the 20% darker color. If you saturate the color by 10%, you get **1F9A4D**, and if you desaturate by 10%, it is **3D9A61**.

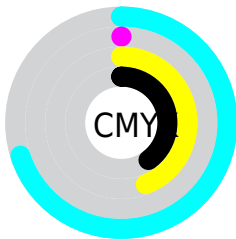
Distribution



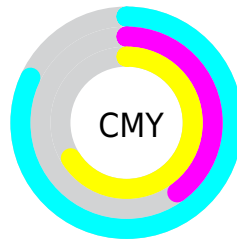
- Red (18%)
- Green (60%)
- Blue (34%)



- Red (18%)
- Yellow (49%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9A57 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 2E9A57 by changing the saturation by 10% instead.



2E9A57



2E9A57

FFFFFF



007F3F



6AD18A



006628



86EEA4



004D11



A3FFC0



003500



C0FFDC



001F00



DDFFF8



000000



FBFFFF



2E9A57



2E9A57



1F9A4D



3D9A61

■ 0F9A44

■ 4D9A6A

■ 009A3A

■ 5C9A74

■ 6C9A7D

■ 7B9A87

■ 8A9A90

■ 9A9A9A

■ A99AA3

■ B99AAD

Harmonies

Analogous

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



729231



2E9A57



009E86

Triad

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



2E9A57



008DE4



D9635C

Complementary

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



2E9A57



9A2E71

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.



D95D8A



2E9A57



887BD8

Square

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



2E9A57



0098D7



BF68B6



C47437

Rectangle

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



2E9A57



009EA5



BF68B6



DC5F6B

Sweetspot

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



2E9A57



9FC9AF



729A2E



4D6656



E6E6E6



666666

Same Dimension

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



2E9A57



20C960



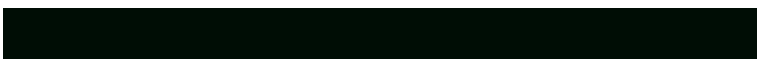
2E9A8C



454D48



008C35



000D05

Inverse Universe

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



9A2E71



C92089



9A2E3C



4D454A



8C0057



0D0008

Previews

White Background



This preview shows how the Hex color 2E9A57 looks on a white background.

Color Contrast Check

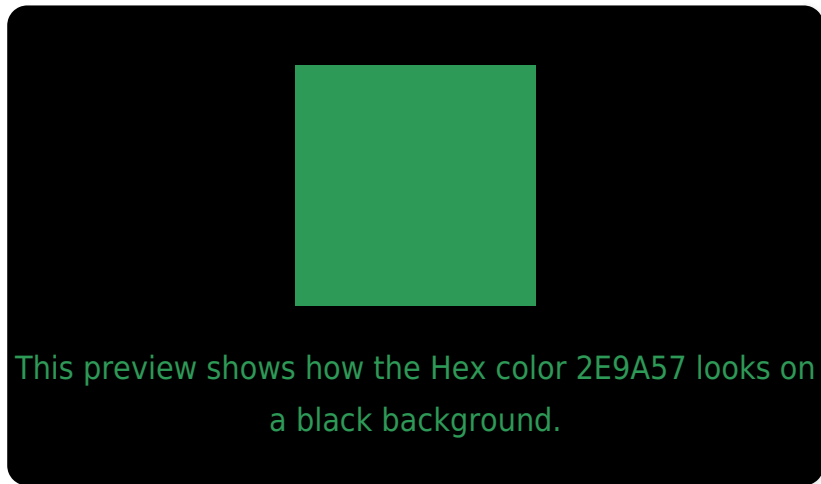
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9A57 Background



This preview shows how black text looks on a background with the Hex color 2E9A57.

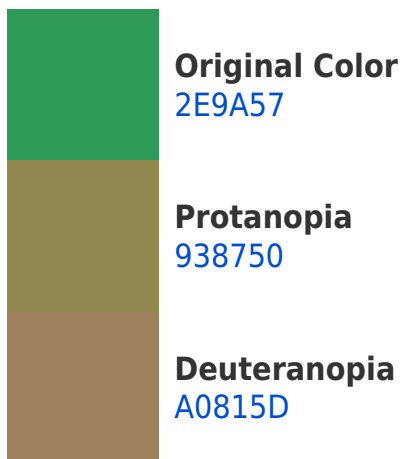


This preview shows how white text looks on a background with the Hex color 2E9A57.

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
47929E

Trichromacy



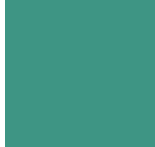
Original Color
2E9A57



Protanomaly
6E8E53



Deuteranomaly
778A5B



Tritanomaly
3E9584

Monochromacy



Original Color
2E9A57



Achromatopsia
727272



Achromatomaly
598168

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9A57 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 #2E9A57 looks like.

```
.text, #text, p{  
    color:#2E9A57  
}
```

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 #2E9A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9A57  
}
```

Border

The CSS property to change the border of an element to Hex 2E9A57 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  
#2E9A57 }
```

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

```
.border{ border-color:#2E9A57 }
```

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

Here you see how a box with a 4 pixel #2E9A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9A57; -webkit-box-shadow:4px 4px  
4px 4px #2E9A57; box-shadow:4px 4px 4px  
4px #2E9A57 }
```

Background

The CSS property to change the background color of an element to Hex 2E9A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9A57 }
```

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

```
.background{ background-color:#2E9A57 }
```

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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