

Converting Colors

Hex(309C4E)

Have a look what the booklet for
Hex(309C4E) contains.

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Color

Hex(309C4E)

Conversions

Conversions Part 1

Format	Color
Hex	309C4E
RGB	48, 156, 78
RGB Percent	19%, 61%, 31%
CMY	0.8118, 0.3882, 0.6941
CMYK	0.69, 0.00, 0.50, 0.39
HSL	137°, 53%, 40%
HSV	137°, 69%, 61%
XYZ	14.4825, 24.9554, 11.2613
YIQ	114.8160, -39.3300, -47.1540

Conversions

Conversions Part 2

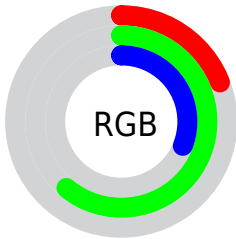
Format	Color
RYB	48, 133, 156
Decimal	3185742
CIELab	57.03, -47.73, 32.04
CIElCh	57, 57.489, 146.133
Yxy	24.9554, 0.2857, 0.4922
Android (android.graphics.Color)	4281375822 (0xFF309C4E)
YUV	114.8160, -18.1503, -58.5976
Hunter-Lab	49.9554, -35.6730, 21.6032

Details

The Hex color **309C4E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C307E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6CD381**, and **00671E** is the 20% darker color. If you saturate the color by 10%, you get **209C43**, and if you desaturate by 10%, it is **409C59**.

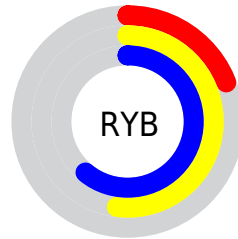
Distribution



Red (19%)

Green (61%)

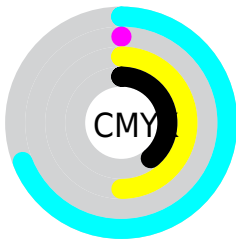
Blue (31%)



Red (19%)

Yellow (52%)

Blue (61%)

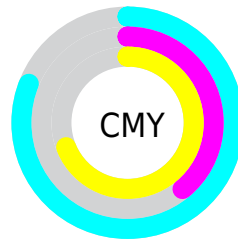


Cyan (69%)

Magenta (0%)

Yellow (50%)

Black (39%)



Cyan (81%)

Magenta (39%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309C4E 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 309C4E by changing the saturation by 10% instead.



309C4E



309C4E

FFFFFF



008136



6CD381



00671E



88F09B



004E05



A5FFB6



003600



C2FFD2



002000



DFFFEF



000000

FDFFFF



309C4E



309C4E



209C43



409C59

■ 119C37

■ 4F9C65

■ 019C2C

■ 5F9C70

■ 009C2B

■ 6E9C7B

■ 7E9C86

■ 8E9C92

■ 9D9C9D

■ AD9CA8

■ BC9CB3

Harmonies

Analogous

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



789325



309C4E



00A081

Triad

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



309C4E



0091ED



E25E60

Complementary

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



309C4E



9C307E

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.



DF5992



309C4E



7D7EE3

Square

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



309C4E



009CDB



BF68C1



CD7035

Rectangle

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



309C4E



00A1A3



BF68C1



E45A70

Sweetspot

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



309C4E



A1CCAD



7F9C30



4D6654



E6E6E6



666666

Same Dimension

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



309C4E



23CC52



309C83



474F49



008F28



000F04

Inverse Universe

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



9C307E



CC239D



9C3049



4F474D



8F0067



0F000B

Previews

White Background



This preview shows how the Hex color 309C4E looks on a white background.

Color Contrast Check

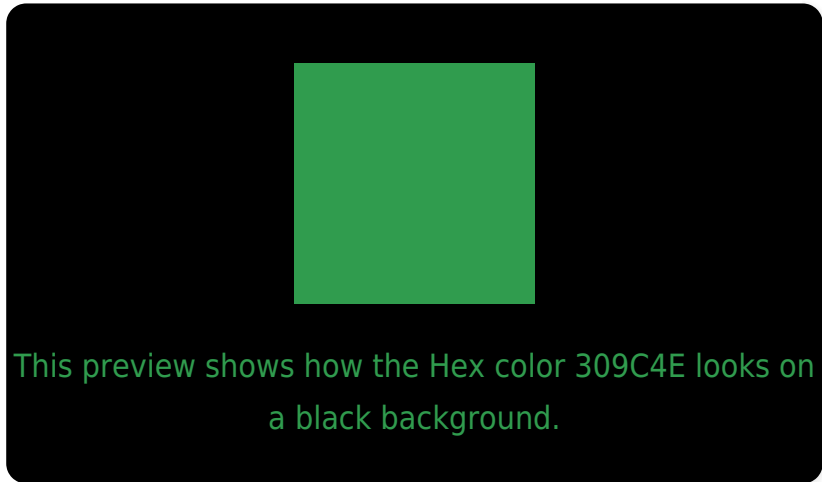
Large Text (above 18pt) WCAG AA ✓ Pass

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

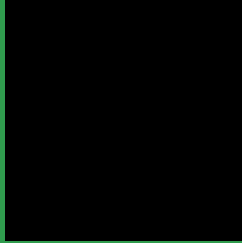
Any Text WCAG AA ✓ Pass

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 309C4E Background



This preview shows how black text looks on a background with the Hex color 309C4E.



This preview shows how white text looks on a background with the Hex color 309C4E.

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
309C4E

Protanopia
968847

Deuteranopia
A48255



Tritanopia
4A939F

Trichromacy



Original Color
309C4E



Protanomaly
718F4A



Deuteranomaly
7A8B52



Tritanomaly
419682

Monochromacy



Original Color
309C4E



Achromatopsia
737373



Achromatomaly
5B8266

CSS Examples

Text

The CSS property to change the color of the text to Hex 309C4E 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 #309C4E looks like.

```
.text, #text, p{  
    color:#309C4E  
}
```

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 #309C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309C4E
}
```

Border

The CSS property to change the border of an element to Hex 309C4E 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
#309C4E }
```

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

```
.border{ border-color:#309C4E }
```

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

Here you see how a box with a 4 pixel #309C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309C4E; -webkit-box-shadow:4px 4px  
4px 4px #309C4E; box-shadow:4px 4px 4px  
4px #309C4E }
```

Background

The CSS property to change the background color of an element to Hex 309C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309C4E }
```

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

```
.background{ background-color:#309C4E }
```

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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