

# Converting Colors

Hex(309D4C)

Have a look what the booklet for  
Hex(309D4C) contains.

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# Color

Hex(309D4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	309D4C
RGB	48, 157, 76
RGB Percent	19%, 62%, 30%
CMY	0.8118, 0.3843, 0.7020
CMYK	0.69, 0.00, 0.52, 0.38
HSL	135°, 53%, 40%
HSV	135°, 69%, 62%
XYZ	14.5804, 25.2641, 10.9455
YIQ	115.1750, -38.9630, -48.2990

# Conversions

## Conversions Part 2

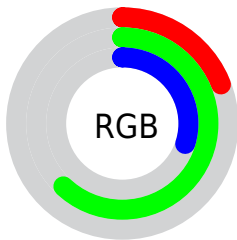
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 135, 157
Decimal	3185996
CIELab	57.33, -48.43, 33.44
CIELCh	57, 58.851, 145.374
Yxy	25.2641, 0.2871, 0.4974
Android (android.graphics.Color)	4281376076 (0xFF309D4C)
YUV	115.1750, -19.3133, -58.9125
Hunter-Lab	50.2634, -36.1818, 22.2733

# Details

The Hex color **309D4C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D3081**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6CD57F**, and **00681C** is the 20% darker color. If you saturate the color by 10%, you get **209D40**, and if you desaturate by 10%, it is **409D58**.

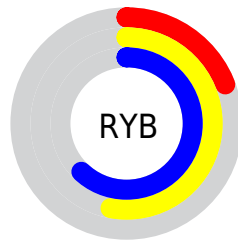
# Distribution



Red (19%)

Green (62%)

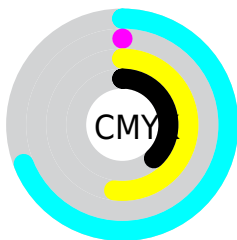
Blue (30%)



Red (19%)

Yellow (53%)

Blue (62%)

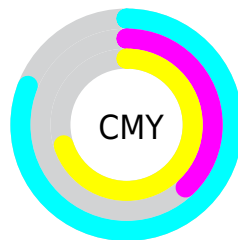


Cyan (69%)

Magenta (0%)

Yellow (52%)

Black (38%)



Cyan (81%)

Magenta (38%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 309D4C 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 309D4C by changing the saturation by 10% instead.





309D4C



309D4C

FFFFFF



008234



6CD57F



00681C



89F199



004F02



A5FFB4



003700



C2FFD0



002100



E0FFEC



000000

FDFFFF



309D4C



309D4C



209D40



409D58

■ 119D35

■ 4F9D63

■ 019D29

■ 5F9D6F

■ 009D28

■ 6F9D7B

■ 7E9D86

■ 8E9D92

■ 9E9D9E

■ AE9DA9

■ BD9DB5

# Harmonies

## Analogous

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



799421



309D4C



00A180

# Triad

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



309D4C



0092F0



E55D61

# Complementary

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



309D4C



9D3081

# 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.



E15994



309D4C



7B7FE7

# Square

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



309D4C



009DDE



C069C5



D07034

# Rectangle

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



309D4C



00A2A3



C069C5



E75971



# Sweetspot

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



309D4C



A1CCAC



829D30



4D6653



E6E6E6



666666



# Same Dimension

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



309D4C



23CC4E



309D82



474F49



008F25



000F04



# Inverse Universe

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



9D3081



CC23A1



9D304B



4F474D



8F006A



0F000B



# Previews

## White Background



This preview shows how the Hex color 309D4C looks on a white background.

## Color Contrast Check

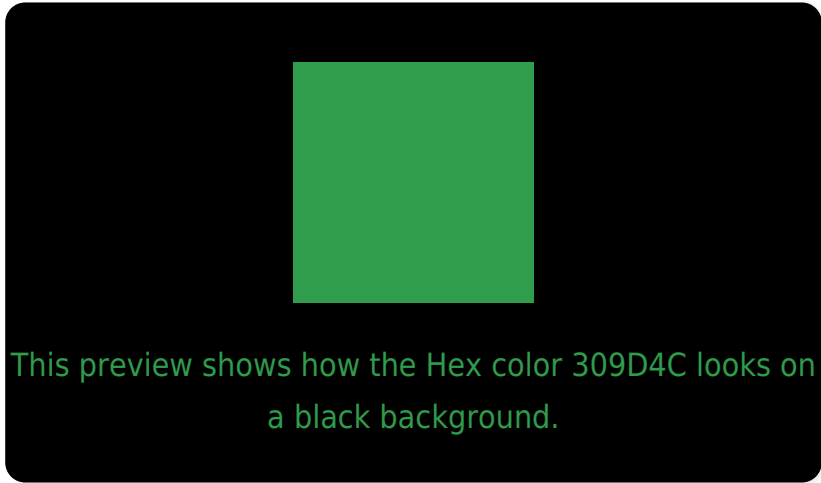
Large Text (above 18pt) WCAG AA ✓ Pass

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

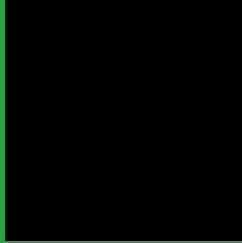
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 309D4C Background



This preview shows how black text looks on a background with the Hex color 309D4C.

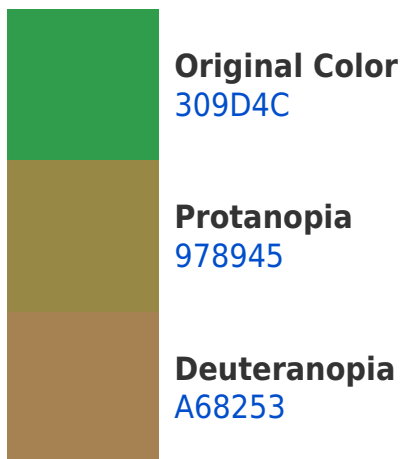


This preview shows how white text looks on a background with the Hex color 309D4C.

# 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**  
4B94A0

# Trichromacy



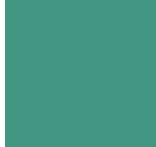
**Original Color**  
309D4C



**Protanomaly**  
729048



**Deuteranomaly**  
7B8C50



**Tritanomaly**  
419781

# Monochromacy



**Original Color**  
309D4C



**Achromatopsia**  
737373



**Achromatomaly**  
5B8265

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 309D4C 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 #309D4C looks like.

```
.text, #text, p{  
    color:#309D4C  
}
```

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 #309D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309D4C
}
```

## Border

The CSS property to change the border of an element to Hex 309D4C 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
#309D4C }
```

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

```
.border{ border-color:#309D4C }
```

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

Here you see how a box with a 4 pixel #309D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309D4C; -webkit-box-shadow:4px 4px  
4px 4px #309D4C; box-shadow:4px 4px 4px  
4px #309D4C }
```

# Background

The CSS property to change the background color of an element to Hex 309D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309D4C }
```

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

```
.background{ background-color:#309D4C }
```

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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