

Converting Colors

Hex(309B42)

Have a look what the booklet for
Hex(309B42) contains.

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Color

Hex(309B42)

Conversions

Conversions Part 1

Format	Color
Hex	309B42
RGB	48, 155, 66
RGB Percent	19%, 61%, 26%
CMY	0.8118, 0.3922, 0.7412
CMYK	0.69, 0.00, 0.57, 0.39
HSL	130°, 53%, 40%
HSV	130°, 69%, 61%
XYZ	13.9236, 24.4644, 9.1425
YIQ	112.8610, -35.2030, -50.3630

Conversions

Conversions Part 2

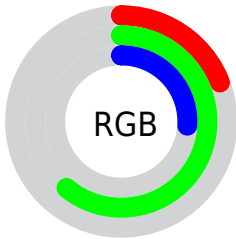
Format	Color
R_{YB}	48, 140, 155
Decimal	3185474
CIE _{Lab}	56.55, -49.14, 37.51
CIE _{LCh}	57, 61.816, 142.645
Y _{xy}	24.4644, 0.2929, 0.5147
Android (android.graphics.Color)	4281375554 (0xFF309B42)
YUV	112.8610, -23.1025, -56.8831
Hunter-Lab	49.4615, -36.3091, 23.6638

Details

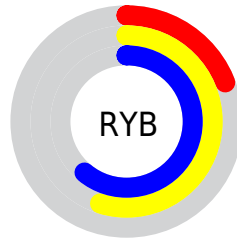
The Hex color **309B42** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B3089**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6CD274**, and **00660F** is the 20% darker color. If you saturate the color by 10%, you get **219B35**, and if you desaturate by 10%, it is **3F9B4F**.

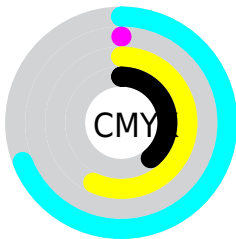
Distribution



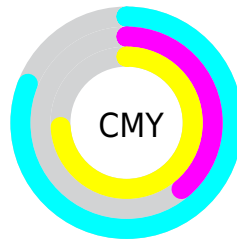
- Red (19%)
- Green (61%)
- Blue (26%)



- Red (19%)
- Yellow (55%)
- Blue (61%)



- Cyan (69%)
- Magenta (0%)
- Yellow (57%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309B42 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 309B42 by changing the saturation by 10% instead.



309B42



309B42

FFFFFF



008029



6CD274



00660F



89EF8F



004D00



A5FFAA



003500



C2FFC5



001F00



E0FFE2



000000

FDFFFF



309B42



309B42



219B35



3F9B4F

■ 119B28

■ 4F9B5C

■ 019B1B

■ 5E9B69

■ 009B1A

■ 6E9B76

■ 7E9B82

■ 8D9B8F

■ 9D9B9C

■ AC9BA9

■ BB9BB6

Harmonies

Analogous

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



7B9111



309B42



00A078

Triad

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



309B42



0092F3



E75662

Complementary

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



309B42



9B3089

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.



E15397



309B42



6D7FEC

Square

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



309B42



009DDD



BB66CA



D36A32

Rectangle

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



309B42



00A19E



BB66CA



E85273

Sweetspot

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



309B42



9FC9A6



899B30



4D6651



E6E6E6



666666

Same Dimension

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



309B42



22C93E



309B77



454D46



008C18



000D02

Inverse Universe

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



9B3089



C922AD



9B3054



4D454B



8C0075



0D000B

Previews

White Background



This preview shows how the Hex color 309B42 looks on a white background.

Color Contrast Check

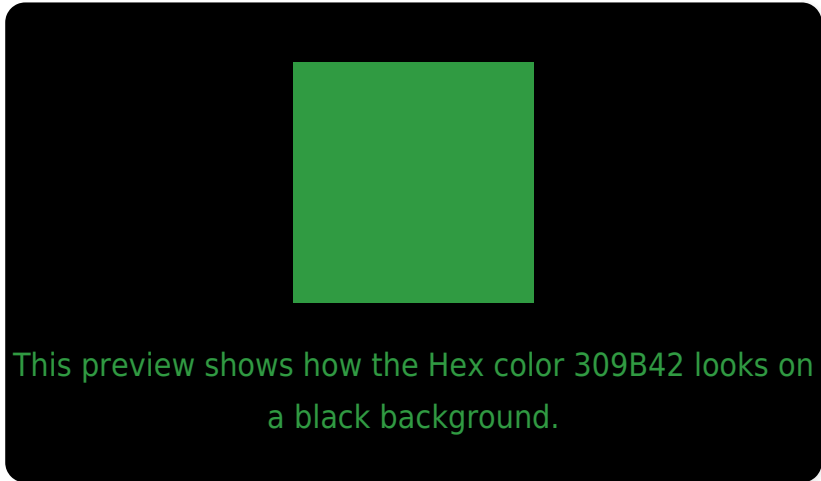
Large Text (above 18pt) WCAG AA ✓ Pass

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

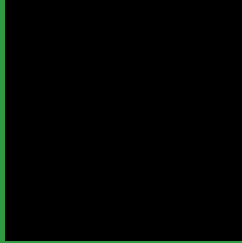
Any Text WCAG AA ✓ Pass

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 309B42 Background



This preview shows how black text looks on a background with the Hex color 309B42.



This preview shows how white text looks on a background with the Hex color 309B42.

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](#).

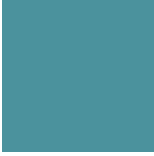
Dichromacy



Original Color
309B42

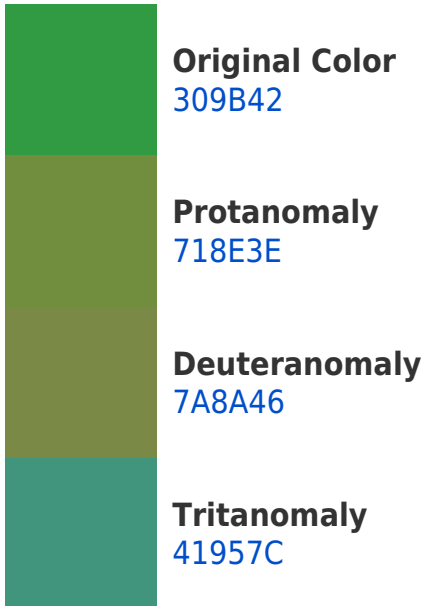
Protanopia
96873C

Deuteranopia
A58049



Tritanopia
4B929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 309B42 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 #309B42 looks like.

```
.text, #text, p{  
    color:#309B42  
}
```

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 #309B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309B42
}
```

Border

The CSS property to change the border of an element to Hex 309B42 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
#309B42 }
```

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

```
.border{ border-color:#309B42 }
```

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

Here you see how a box with a 4 pixel #309B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309B42; -webkit-box-shadow:4px 4px  
4px 4px #309B42; box-shadow:4px 4px 4px  
4px #309B42 }
```

Background

The CSS property to change the background color of an element to Hex 309B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309B42 }
```

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

```
.background{ background-color:#309B42 }
```

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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