

Converting Colors

Hex(309E30)

Have a look what the booklet for
Hex(309E30) contains.

| | |
|--|----|
| Hex(309E30) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(309E30)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 309E30 |
| RGB | 48, 158, 48 |
| RGB Percent | 19%, 62%, 19% |
| CMY | 0.8118, 0.3804, 0.8118 |
| CMYK | 0.70, 0.00, 0.70, 0.38 |
| HSL | 120°, 53%, 40% |
| HSV | 120°, 70%, 62% |
| XYZ | 13.9793, 25.2955, 6.9420 |
| YIQ | 112.5700, -30.2500, -57.5300 |

Conversions

Conversions Part 2

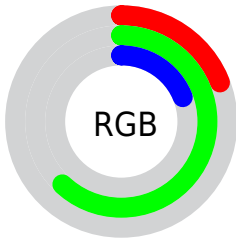
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 48, 158, 158 |
| Decimal | 3186224 |
| CIELab | 57.36, -52.29, 46.59 |
| CIElCh | 57, 70.032, 138.300 |
| Yxy | 25.2955, 0.3025, 0.5473 |
| Android (android.graphics.Color) | 4281376304 (0xFF309E30) |
| YUV | 112.5700, -31.8330, -56.6279 |
| Hunter-Lab | 50.2946, -38.4019, 27.0226 |

Details

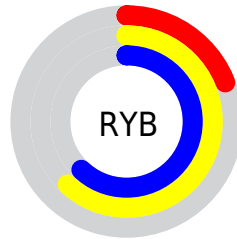
The Hex color **309E30** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E309E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6ED664**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **209E20**, and if you desaturate by 10%, it is **409E40**.

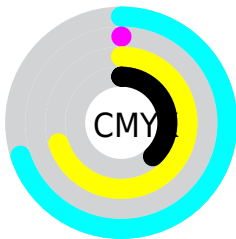
Distribution



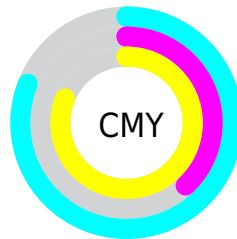
- Red (19%)
- Green (62%)
- Blue (19%)



- Red (19%)
- Yellow (62%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)



- Cyan (81%)
- Magenta (38%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309E30 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 309E30 by changing the saturation by 10% instead.

 309E30

 309E30

FFFFFF

 008313

 6ED664

 006900

 8AF27E

 005000

 A7FF99

 003800

 C5FFB5

 002100

 E2FFD1

 000000

 FFFFEE

 309E30

 309E30

 209E20

 409E40

■ 109E10

■ 509E50

■ 019E01

■ 5F9E5F

■ 009E00

■ 6F9E6F

■ 7F9E7F

■ 8F9E8F

■ 9F9E9F

■ AE9EAE

■ BE9EBE

Harmonies

Analogous

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



829200



309E30



00A46F

Triad

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



309E30



0098FF



F54A67

Complementary

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



309E30



9E309E

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.



EA4BA4



309E30



4E84FF

Square

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



309E30



00A2E4



BA67DC



E2632E

Rectangle

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



309E30



00A59A



BA67DC



F5467B

Sweetspot

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



309E30



A3CFA3



9E9E30



4E694E



E8E8E8



696969

Same Dimension

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



309E30



21CF21



309E67



474F47



008F00



000F00

Inverse Universe

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



9E309E



CF21CF



9E3067



4F474F



8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 309E30 looks on a white background.

Color Contrast Check

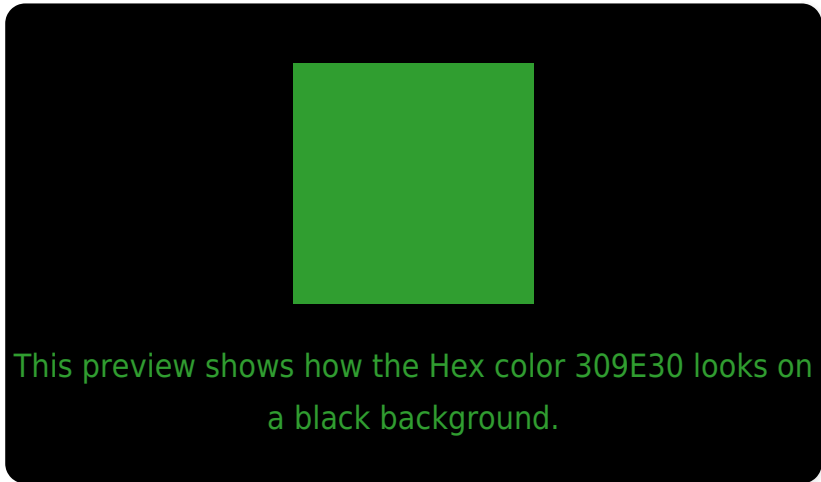
Large Text (above 18pt) WCAG AA ✓ Pass

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

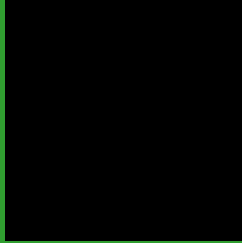
Any Text WCAG AA ✓ Pass

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 309E30 Background



This preview shows how black text looks on a background with the Hex color 309E30.

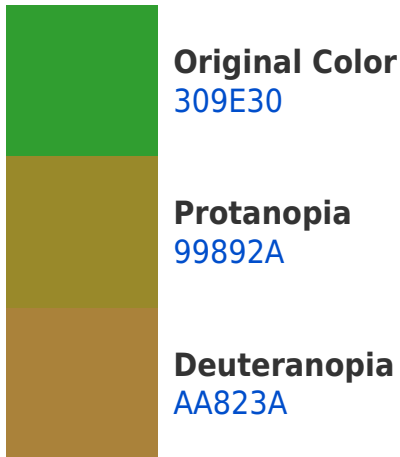


This preview shows how white text looks on a background with the Hex color 309E30.

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](#).

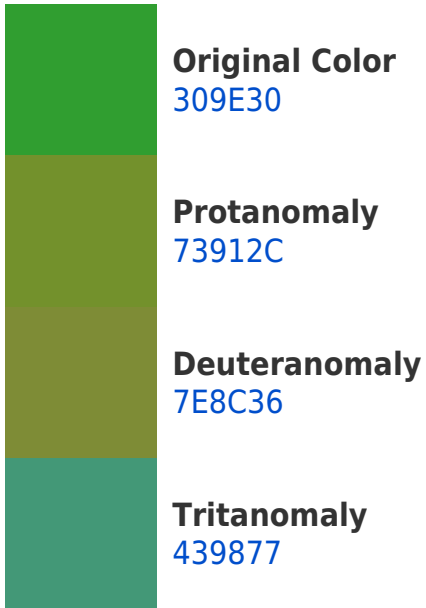
Dichromacy





Tritanopia
4E94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 309E30 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 #309E30 looks like.

```
.text, #text, p{  
    color:#309E30  
}
```

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 #309E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309E30
}
```

Border

The CSS property to change the border of an element to Hex 309E30 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
#309E30 }
```

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

```
.border{ border-color:#309E30 }
```

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

Here you see how a box with a 4 pixel #309E30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309E30; -webkit-box-shadow:4px 4px  
4px 4px #309E30; box-shadow:4px 4px 4px  
4px #309E30 }
```

Background

The CSS property to change the background color of an element to Hex 309E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309E30 }
```

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

```
.background{ background-color:#309E30 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor