

Converting Colors

Hex(309C16)

Have a look what the booklet for
Hex(309C16) contains.

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Color

Hex(309C16)

Conversions

Conversions Part 1

Format	Color
Hex	309C16
RGB	48, 156, 22
RGB Percent	19%, 61%, 9%
CMY	0.8118, 0.3882, 0.9137
CMYK	0.69, 0.00, 0.86, 0.39
HSL	108°, 75%, 35%
HSV	108°, 86%, 61%
XYZ	13.2522, 24.4632, 4.7825
YIQ	108.4320, -21.3540, -64.5700

Conversions

Conversions Part 2

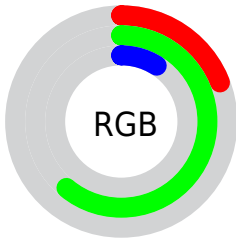
Format	Color
R_{YB}	22, 156, 130
Decimal	3185686
CIE Lab	56.55, -53.44, 54.52
CIE LCh	57, 76.341, 134.427
Yxy	24.4632, 0.3118, 0.5756
Android (android.graphics.Color)	4281375766 (0xFF309C16)
YUV	108.4320, -42.6110, -52.9989
Hunter-Lab	49.4603, -38.7290, 28.8893

Details

The Hex color **309C16** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **82169C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6ED450**, and **006700** is the 20% darker color. If you saturate the color by 10%, you get **239C06**, and if you desaturate by 10%, it is **3D9C26**.

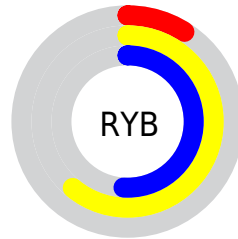
Distribution



Red (19%)

Green (61%)

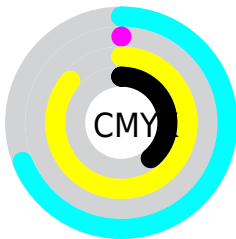
Blue (9%)



Red (9%)

Yellow (61%)

Blue (51%)

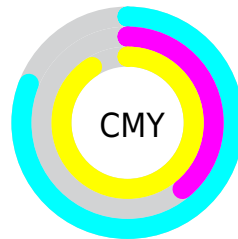


Cyan (69%)

Magenta (0%)

Yellow (86%)

Black (39%)



Cyan (81%)

Magenta (39%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309C16 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 309C16 by changing the saturation by 10% instead.

 309C16

 309C16

FFFFFF

 008100

 6ED450

 006700

 8BF06B

 004E00

 A8FF86

 003600

 C6FFA2

 001F00

 E3FFBE

 000000

 FFFFDA

 FFFFF7

 309C16

 309C16

■ 239C06

■ 3D9C26

■ 1E9C00

■ 499C35

■ 569C45

■ 629C54

■ 6F9C64

■ 7B9C74

■ 889C83

■ 959C93

■ A19CA2

Harmonies

Analogous

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



868F00



309C16



00A361

Triad

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



309C16



0099FF



FB386B

Complementary

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



309C16



82169C

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.



EB40AD



309C16



0085FF

Square

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



309C16



00A3E4



B165E8



EA572B

Rectangle

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



309C16



00A590



B165E8



FA3581

Sweetspot

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



309C16



A1CC97



9C8116



4D6646



E6E6E6



666666

Same Dimension

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



309C16



28CC00



169C3E



494F47



1C8F00



030F00

Inverse Universe

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



82169C



A400CC



9C1674



4E474F



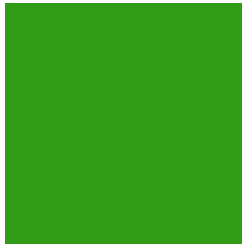
73008F



0C000F

Previews

White Background



This preview shows how the Hex color 309C16 looks on a white background.

Color Contrast Check

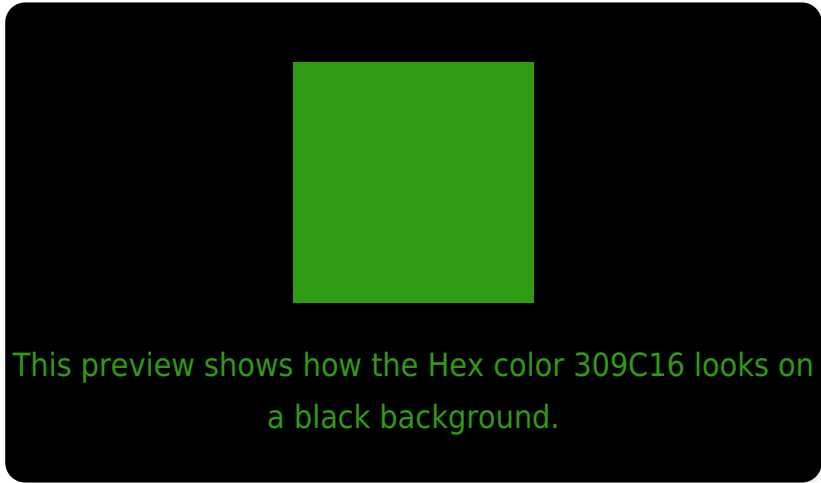
Large Text (above 18pt) WCAG AA ✓ Pass

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

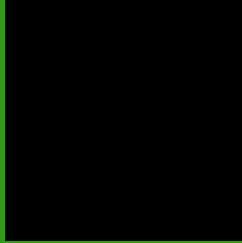
Any Text WCAG AA ✓ Pass

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 309C16 Background



This preview shows how black text looks on a background with the Hex color 309C16.

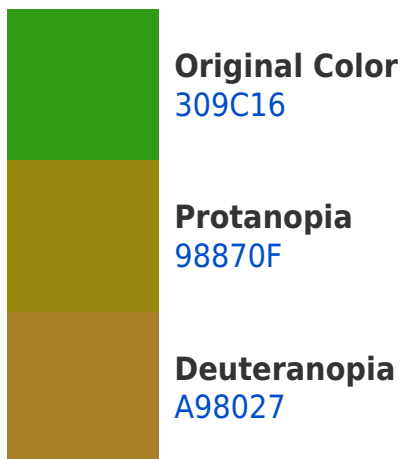



This preview shows how white text looks on a background with the Hex color 309C16.

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
4F919D

Trichromacy



Original Color
309C16



Protanomaly
728F12



Deuteranomaly
7D8A21



Tritanomaly
44956C

Monochromacy



Original Color
309C16



Achromatopsia
6C6C6C



Achromatomaly
567D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 309C16 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 #309C16 looks like.

```
.text, #text, p{  
    color:#309C16  
}
```

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 #309C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309C16
}
```

Border

The CSS property to change the border of an element to Hex 309C16 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
#309C16 }
```

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

```
.border{ border-color:#309C16 }
```

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

Here you see how a box with a 4 pixel #309C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309C16; -webkit-box-shadow:4px 4px  
4px 4px #309C16; box-shadow:4px 4px 4px  
4px #309C16 }
```

Background

The CSS property to change the background color of an element to Hex 309C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309C16 }
```

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

```
.background{ background-color:#309C16 }
```

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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