

Converting Colors

Hex(309313)

Have a look what the booklet for
Hex(309313) contains.

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Color

Hex(309313)

Conversions

Conversions Part 1

Format	Color
Hex	309313
RGB	48, 147, 19
RGB Percent	19%, 58%, 7%
CMY	0.8118, 0.4235, 0.9255
CMYK	0.67, 0.00, 0.87, 0.42
HSL	106°, 77%, 33%
HSV	106°, 87%, 58%
XYZ	11.7702, 21.5428, 4.1539
YIQ	102.8070, -17.9160, -60.7960

Conversions

Conversions Part 2

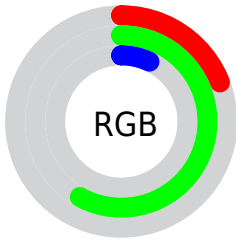
Format	Color
R_{YB}	19, 147, 118
Decimal	3183379
CIE _{Lab}	53.54, -50.51, 52.57
CIE _{LCh}	54, 72.903, 133.860
Yxy	21.5428, 0.3141, 0.5750
Android (android.graphics.Color)	4281373459 (0xFF309313)
YUV	102.8070, -41.3169, -48.0657
Hunter-Lab	46.4143, -35.9592, 27.1837

Details

The Hex color **309313** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **761393**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6CCA4D**, and **005F00** is the 20% darker color. If you saturate the color by 10%, you get **259304**, and if you desaturate by 10%, it is **3B9322**.

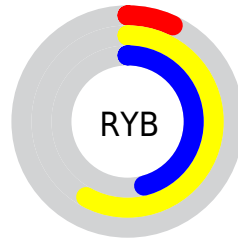
Distribution



Red (19%)

Green (58%)

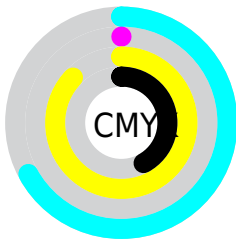
Blue (7%)



Red (7%)

Yellow (58%)

Blue (46%)

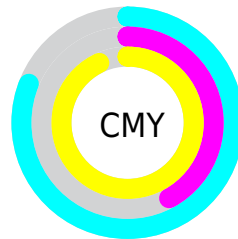


Cyan (67%)

Magenta (0%)

Yellow (87%)

Black (42%)



Cyan (81%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 309313 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 309313 by changing the saturation by 10% instead.

 309313

 309313

FFFFFF

 007900

 6CCA4D

 005F00

 89E667

 004600

 A6FF82

 003000

 C3FF9E

 001500

 E0FFB9

 000000

 FEFFD6

 FFFFF3

 309313

 309313

■ 259304

■ 3B9322

■ 219300

■ 479330

■ 52933F

■ 5D934E

■ 69935C

■ 74936B

■ 80937A

■ 8B9389

■ 969397

Harmonies

Analogous

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



808600



309313



00995B

Triad

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



309313



0091F9



ED3566

Complementary

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



309313



761393

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.



DE3DA4



309313



007EFB

Square

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



309313



0099D6



A660DC



DD5229

Rectangle

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



309313



009B87



A660DC



EC327B

Sweetspot

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



309313



99BF8E



937513



4A6143



E0E0E0



616161

Same Dimension

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



309313



2BBF00



139335



444A43



1F8A00



020A00

Inverse Universe

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



761393



9400BF



931371



48434A



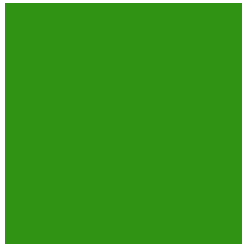
6B008A



08000A

Previews

White Background



This preview shows how the Hex color 309313 looks on a white background.

Color Contrast Check

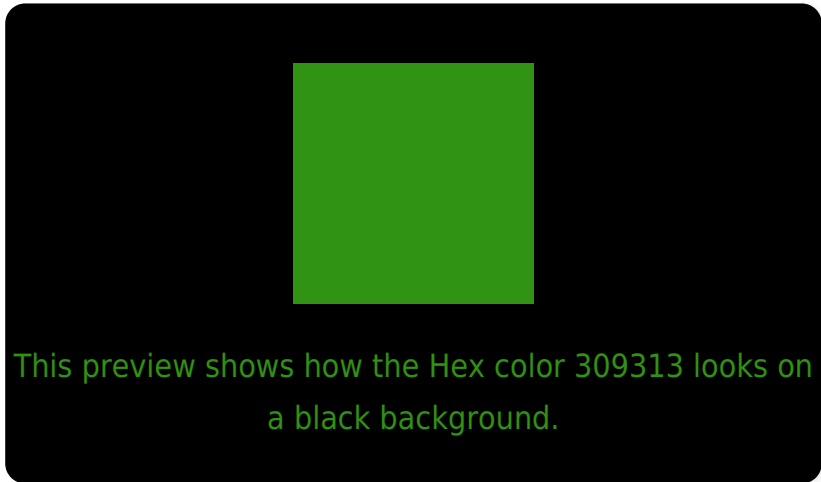
Large Text (above 18pt) WCAG AA ✓ Pass

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

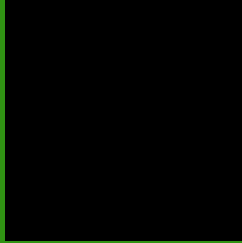
Any Text WCAG AA ✓ Pass

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 309313 Background



This preview shows how black text looks on a background with the Hex color 309313.



This preview shows how white text looks on a background with the Hex color 309313.

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
309313

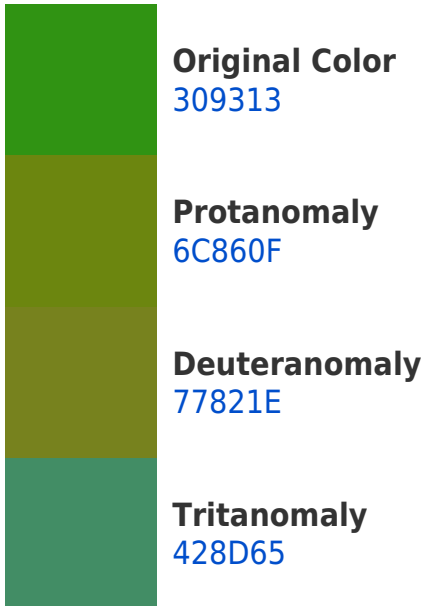
Protanopia
8F7F0C

Deuteranopia
A07924



Tritanopia
4C8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 309313 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 #309313 looks like.

```
.text, #text, p{  
    color:#309313  
}
```

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 #309313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #309313
}
```

Border

The CSS property to change the border of an element to Hex 309313 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
#309313 }
```

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

```
.border{ border-color:#309313 }
```

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

Here you see how a box with a 4 pixel #309313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #309313; -webkit-box-shadow:4px 4px  
4px 4px #309313; box-shadow:4px 4px 4px  
4px #309313 }
```

Background

The CSS property to change the background color of an element to Hex 309313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#309313 }
```

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

```
.background{ background-color:#309313 }
```

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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