

Converting Colors

Hex(1EC309)

Have a look what the booklet for
Hex(1EC309) contains.

Hex(1EC309)	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(1EC309)

Conversions

Conversions Part 1

Format	Color
Hex	1EC309
RGB	30, 195, 9
RGB Percent	12%, 76%, 4%
CMY	0.8824, 0.2353, 0.9647
CMYK	0.85, 0.00, 0.95, 0.24
HSL	113°, 91%, 40%
HSV	113°, 95%, 76%
XYZ	20.0998, 39.3260, 6.7897
YIQ	124.4610, -38.6340, -92.8260

Conversions

Conversions Part 2

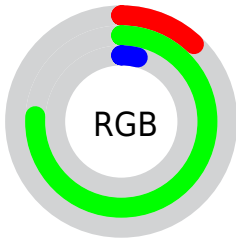
Format	Color
R _Y B	9, 195, 174
Decimal	2016009
CIE Lab	68.99, -68.43, 67.22
CIE LCh	69, 95.924, 135.513
Yxy	39.3260, 0.3036, 0.5939
Android (android.graphics.Color)	4280206089 (0xFF1EC309)
YUV	124.4610, -56.9223, -82.8423
Hunter-Lab	62.7104, -52.5307, 37.4779

Details

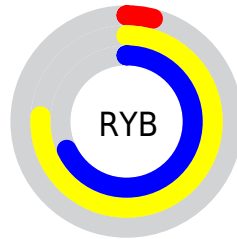
The Hex color **1EC309** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **AE09C3**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6EFD52**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **16C300**, and if you desaturate by 10%, it is **2FC31C**.

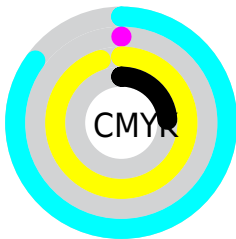
Distribution



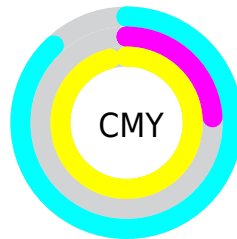
- Red (12%)
- Green (76%)
- Blue (4%)



- Red (4%)
- Yellow (76%)
- Blue (68%)



- Cyan (85%)
- Magenta (0%)
- Yellow (95%)
- Black (24%)



- Cyan (88%)
- Magenta (24%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EC309 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 1EC309 by changing the saturation by 10% instead.

 1EC309

 1EC309

FFFFFF

 00A700

 6EFD52

 008C00

 8EFF6F

 007100

 ADFF8B

 005700

 CCFFA7

 003E00

 EBFFC4

 002500

 FFFFE1

 000000

 1EC309

 1EC309

 16C300

 2FC31C

 41C330

 52C343

 63C357

 74C36B

 86C37E

 97C392

 A8C3A5

 BAC3B8

Harmonies

Analogous

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



A2B200



1EC309



00CB7A

Triad

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



1EC309



00BFFF



FF3680

Complementary

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



1EC309



AE09C3

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.



FF41D6



1EC309



00A4FF

Square

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



1EC309



00CBFF



E278FF



FF692A

Rectangle

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



1EC309



00CDB7



E278FF



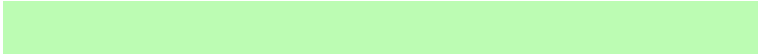
FF2D9C

Sweetspot

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



1EC309



BCFCB3



C3AD09



588053



000000



808080

Same Dimension

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



1EC309



1DFC00



09C350



586157



12A100



042100

Inverse Universe

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



AE09C3



E000FC



C3097C



605761



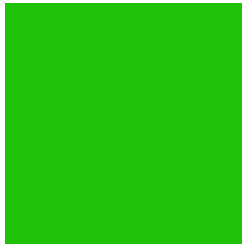
8F00A1



1D0021

Previews

White Background



This preview shows how the Hex color 1EC309 looks on a white background.

Color Contrast Check

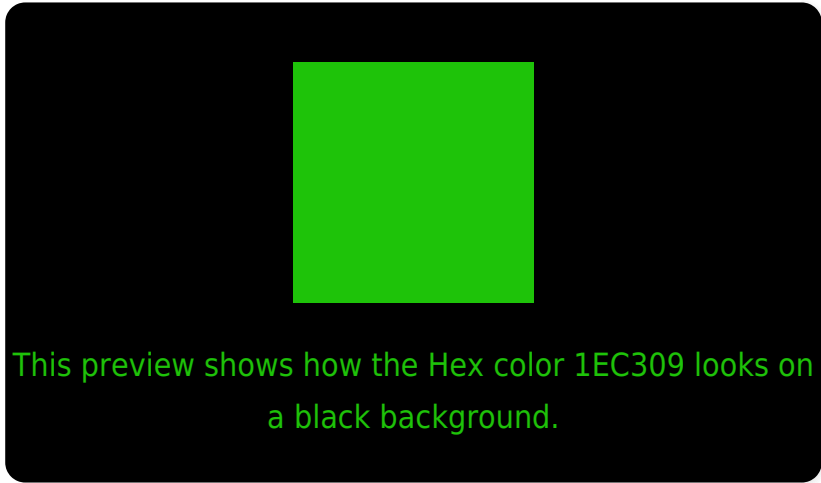
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 1EC309 Background



This preview shows how black text looks on a background with the Hex color 1EC309.

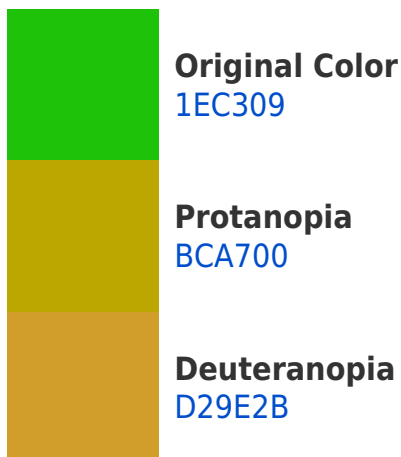


This preview shows how white text looks on a background with the Hex color 1EC309.

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](#).

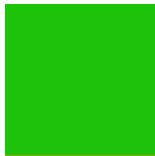
Dichromacy





Tritanopia
56B5C4

Trichromacy



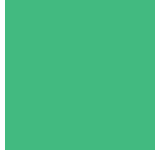
Original Color
1EC309



Protanomaly
83B103



Deuteranomaly
91AB1F



Tritanomaly
42BA80

Monochromacy



Original Color
1EC309



Achromatopsia
7C7C7C



Achromatomaly
5A9652

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EC309 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 #1EC309 looks like.

```
.text, #text, p{  
    color:#1EC309  
}
```

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 #1EC309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EC309
}
```

Border

The CSS property to change the border of an element to Hex 1EC309 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
#1EC309 }
```

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

```
.border{ border-color:#1EC309 }
```

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

Here you see how a box with a 4 pixel #1EC309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EC309; -webkit-box-shadow:4px 4px  
4px 4px #1EC309; box-shadow:4px 4px 4px  
4px #1EC309 }
```

Background

The CSS property to change the background color of an element to Hex 1EC309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EC309 }
```

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

```
.background{ background-color:#1EC309 }
```

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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