

Converting Colors

Hex(09E01A)

Have a look what the booklet for
Hex(09E01A) contains.

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Color

Hex(09E01A)

Conversions

Conversions Part 1

Format	Color
Hex	09E01A
RGB	9, 224, 26
RGB Percent	4%, 88%, 10%
CMY	0.9647, 0.1216, 0.8980
CMYK	0.96, 0.00, 0.88, 0.12
HSL	125°, 92%, 46%
HSV	125°, 96%, 88%
XYZ	26.9548, 53.4440, 9.8723
YIQ	137.1430, -64.5820, -107.1580

Conversions

Conversions Part 2

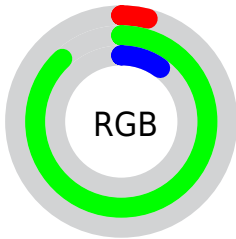
Format	Color
RYB	9, 208, 224
Decimal	647194
CIELab	78.14, -77.26, 72.45
CIELCh	78, 105.919, 136.838
Yxy	53.4440, 0.2986, 0.5920
Android (android.graphics.Color)	4278837274 (0xFF09E01A)
YUV	137.1430, -54.7935, -112.3814
Hunter-Lab	73.1054, -62.1195, 43.1671

Details

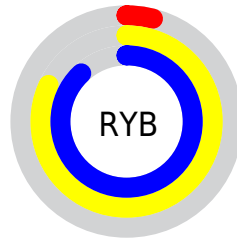
The Hex color **09E01A** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E009CF**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **70FF5E**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **00E012**, and if you desaturate by 10%, it is **1FE02F**.

Distribution



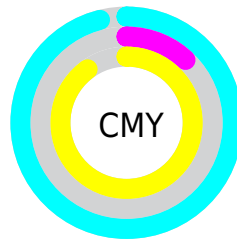
- Red (4%)
- Green (88%)
- Blue (10%)



- Red (4%)
- Yellow (82%)
- Blue (88%)



- Cyan (96%)
- Magenta (0%)
- Yellow (88%)
- Black (12%)



- Cyan (96%)
- Magenta (12%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09E01A 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 09E01A by changing the saturation by 10% instead.

 09E01A

 09E01A

FFFFFF

 00C300

 70FF5E

 00A700

 92FF7B

 008B00

 B3FF98

 007000

 D2FFB5

 005600

 F2FFD2

 003E00

 FFFFF0

 002300

 000000

 09E01A

 09E01A

■ 00E012

■ 1FE02F

■ 36E043

■ 4CE058

■ 63E06D

■ 79E081

■ 8FE096

■ A6E0AA

■ BCE0BF

■ D3E0D4

Harmonies

Analogous

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



B5CE00



09E01A



00E991

Triad

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



09E01A



00DAFF



FF428F

Complementary

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



09E01A



E09CF

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.



FF4AF1



09E01A



00BAFF

Square

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



09E01A



00E8FF



FF88FF



FF7C2D

Rectangle

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



09E01A



00EBD6



FF88FF



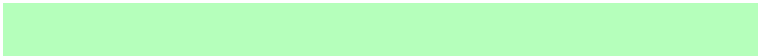
FF37AF

Sweetspot

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



09E01A



B5FFBB



D2E009



538056



000000



808080

Same Dimension

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



09E01A



00FF14



09E083



657066



00B00E



003004

Inverse Universe

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



E009CF



FF00EB



E00966



70656F



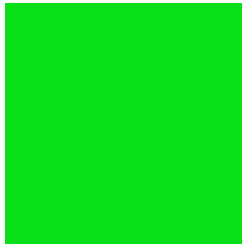
B000A2



30002D

Previews

White Background



This preview shows how the Hex color 09E01A looks on a white background.

Color Contrast Check

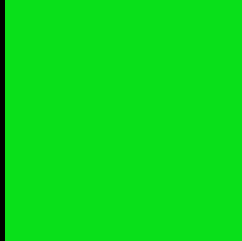
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 09E01A looks on a 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 09E01A Background



This preview shows how black text looks on a background with the Hex color 09E01A.

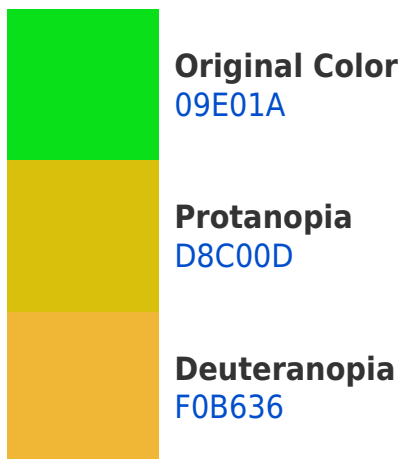


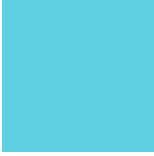
This preview shows how white text looks on a background with the Hex color 09E01A.

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](#).

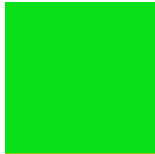
Dichromacy





Tritanopia
5ED0E1

Trichromacy



Original Color
09E01A



Protanomaly
8DCC12



Deuteranomaly
9CC52C



Tritanomaly
3FD699

Monochromacy



Original Color
09E01A



Achromatopsia
898989



Achromatomaly
5AA961

CSS Examples

Text

The CSS property to change the color of the text to Hex 09E01A 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 #09E01A looks like.

```
.text, #text, p{  
    color:#09E01A  
}
```

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 #09E01A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09E01A
}
```

Border

The CSS property to change the border of an element to Hex 09E01A 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".

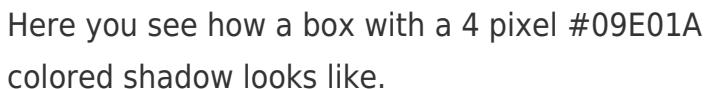
```
.border, #border, table{ border:4px solid
#09E01A }
```

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

```
.border{ border-color:#09E01A }
```

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

Here you see how a box with a 4 pixel #09E01A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09E01A; -webkit-box-shadow:4px 4px  
4px 4px #09E01A; box-shadow:4px 4px 4px  
4px #09E01A }
```

Background

The CSS property to change the background color of an element to Hex 09E01A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09E01A }
```

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

```
.background{ background-color:#09E01A }
```

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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