

Converting Colors

Hex(09E918)

Have a look what the booklet for
Hex(09E918) contains.

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Color

Hex(09E918)

Conversions

Conversions Part 1

Format	Color
Hex	09E918
RGB	9, 233, 24
RGB Percent	4%, 91%, 9%
CMY	0.9647, 0.0863, 0.9059
CMYK	0.96, 0.00, 0.90, 0.09
HSL	124°, 93%, 47%
HSV	124°, 96%, 91%
XYZ	29.4164, 58.4019, 10.5864
YIQ	142.1980, -66.4150, -112.4870

Conversions

Conversions Part 2

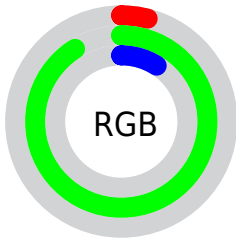
Format	Color
RYB	9, 219, 233
Decimal	649496
CIELab	80.96, -79.73, 75.21
CIELCh	81, 109.604, 136.670
Yxy	58.4019, 0.2989, 0.5935
Android (android.graphics.Color)	4278839576 (0xFF09E918)
YUV	142.1980, -58.2716, -116.8146
Hunter-Lab	76.4211, -65.0277, 45.2815

Details

The Hex color **09E918** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E909DA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **73FF5F**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **00E910**, and if you desaturate by 10%, it is **20E92E**.

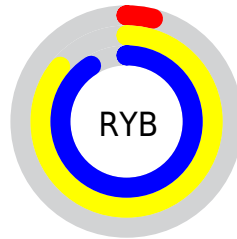
Distribution



Red (4%)

Green (91%)

Blue (9%)



Red (4%)

Yellow (86%)

Blue (91%)

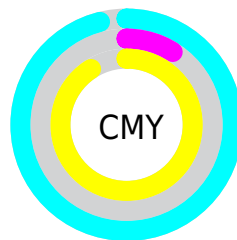


Cyan (96%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (96%)

Magenta (9%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09E918 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 09E918 by changing the saturation by 10% instead.

 09E918

 09E918


FFFFFF

 00CC00

 73FF5F

 00AF00

 95FF7C

 009400

 B6FF99

 007800

 D6FFB7

 005E00

 F6FFD4

 004400

 FFFFF2

 002A00

 000700

 000000

 09E918

 09E918

 00E910

 20E92E

 38E943

 4FE959

 66E96F

 7EE985

 95E99A

 ACE9B0

 C3E9C6

 DBE9DC

Harmonies

Analogous

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



BDD600



09E918



00F296

Triad

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



09E918



00E3FF



FF4395

Complementary

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



09E918



E909DA

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.



FF4CFB



09E918



00C2FF

Square

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



09E918



00F2FF



FF8DFF



FF802E

Rectangle

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



09E918



00F5DE



FF8DFF



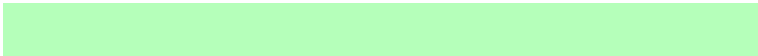
FF38B7

Sweetspot

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



09E918



B5FFBA



DAE909



538056



000000



808080

Same Dimension

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



09E918



00FF11



09E988



6A756A



00B50C



003604

Inverse Universe

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



E909DA



FF00EE



E9096A



756A75



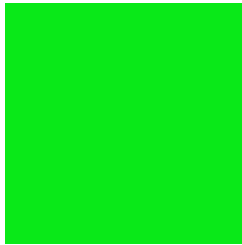
B500A9



360032

Previews

White Background



This preview shows how the Hex color 09E918 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 09E918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

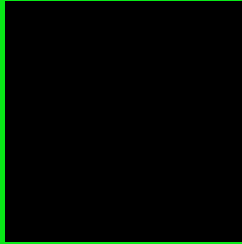
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

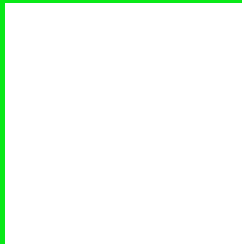
Any Text WCAG AAA ✓ Pass

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

Hex 09E918 Background



This preview shows how black text looks on a background with the Hex color 09E918.

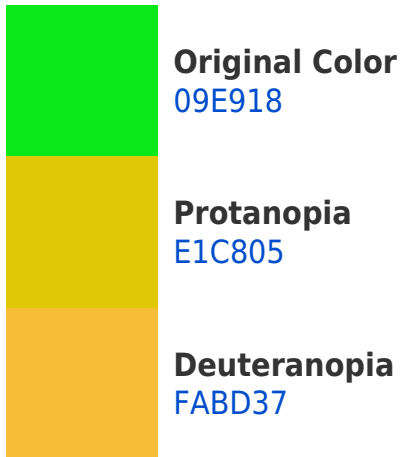


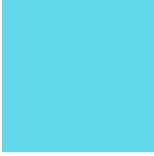
This preview shows how white text looks on a background with the Hex color 09E918.

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](#).

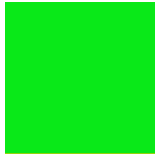
Dichromacy





Tritanopia
62D9EA

Trichromacy



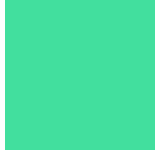
Original Color
09E918



Protanomaly
92D40C

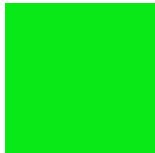


Deuteranomaly
A2CD2C



Tritanomaly
42DF9E

Monochromacy



Original Color
09E918



Achromatopsia
8E8E8E



Achromatomaly
5EAF63

CSS Examples

Text

The CSS property to change the color of the text to Hex 09E918 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 #09E918 looks like.

```
.text, #text, p{  
    color:#09E918  
}
```

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 #09E918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09E918
}
```

Border

The CSS property to change the border of an element to Hex 09E918 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
#09E918 }
```

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

```
.border{ border-color:#09E918 }
```

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

Here you see how a box with a 4 pixel #09E918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09E918; -webkit-box-shadow:4px 4px  
4px 4px #09E918; box-shadow:4px 4px 4px  
4px #09E918 }
```

Background

The CSS property to change the background color of an element to Hex 09E918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09E918 }
```

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

```
.background{ background-color:#09E918 }
```

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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