

Converting Colors

Hex(049E1E)

Have a look what the booklet for
Hex(049E1E) contains.

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Color

Hex(049E1E)

Conversions

Conversions Part 1

Format	Color
Hex	049E1E
RGB	4, 158, 30
RGB Percent	2%, 62%, 12%
CMY	0.9843, 0.3804, 0.8824
CMYK	0.97, 0.00, 0.81, 0.38
HSL	130°, 95%, 32%
HSV	130°, 97%, 62%
XYZ	12.5113, 24.5733, 5.3120
YIQ	97.3620, -50.6960, -72.4560

Conversions

Conversions Part 2

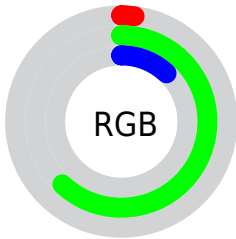
Format	Color
RYB	4, 136, 158
Decimal	302622
CIELab	56.66, -58.83, 52.19
CIELCh	57, 78.646, 138.423
Yxy	24.5733, 0.2951, 0.5796
Android (android.graphics.Color)	4278492702 (0xFF049E1E)
YUV	97.3620, -33.2095, -81.8785
Hunter-Lab	49.5714, -41.6986, 28.3466

Details

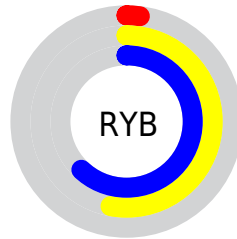
The Hex color **049E1E** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9E0484**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5BD655**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **009E1B**, and if you desaturate by 10%, it is **149E2B**.

Distribution



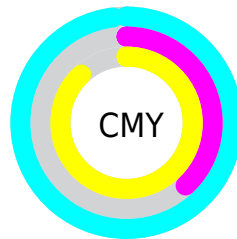
- Red (2%)
- Green (62%)
- Blue (12%)



- Red (2%)
- Yellow (53%)
- Blue (62%)



- Cyan (97%)
- Magenta (0%)
- Yellow (81%)
- Black (38%)




- Cyan (98%)
- Magenta (38%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 049E1E 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 049E1E by changing the saturation by 10% instead.

 049E1E

 049E1E

FFFFFF

 008300

 5BD655

 006900

 7AF370

 004F00

 98FF8B

 003700

 B5FFA7

 001F00

 D3FFC3

 000000

 F2FFDF

 FFFFFC

 049E1E

 049E1E

■ 009E1B

■ 149E2B

■ 249E38

■ 339E45

■ 439E53

■ 539E60

■ 639E6D

■ 739E7A

■ 829E87

■ 929E94

Harmonies

Analogous

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



7D9100



049E1E



00A46A

Triad

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



049E1E



0098FF



FE3661

Complementary

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



049E1E



9E0484

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.



F338A5



049E1E



3282FF

Square

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



049E1E



00A3EE



BD5FE4



E85A1E

Rectangle

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



049E1E



00A69A



BD5FE4



FE2F78

Sweetspot

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



049E1E



93CF9D



849E04



44694A



E8E8E8



696969

Same Dimension

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



049E1E



00CF23



049E6B



474F48



008F18



000F03

Inverse Universe

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



9E0484



CF00AC



9E0437



4F474E



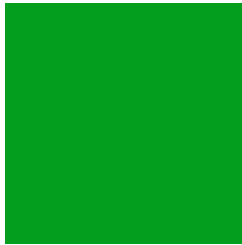
8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 049E1E looks on a white background.

Color Contrast Check

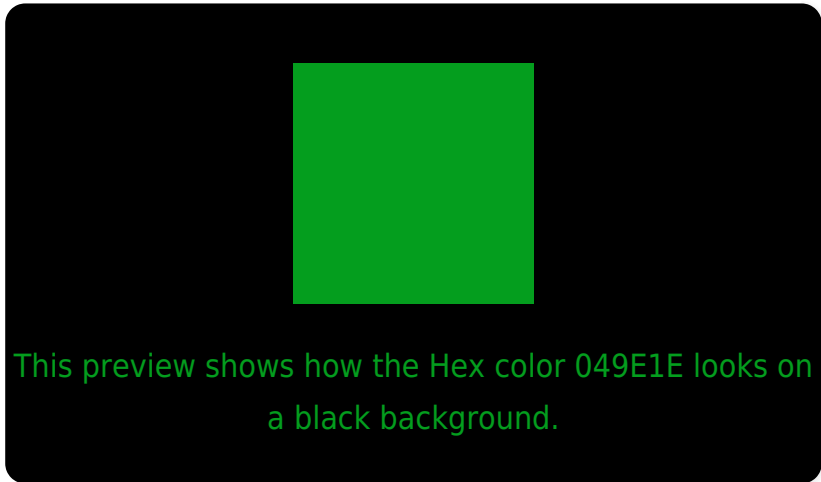
Large Text (above 18pt) WCAG AA ✓ Pass

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 049E1E Background



This preview shows how black text looks on a background with the Hex color 049E1E.



This preview shows how white text looks on a background with the Hex color 049E1E.

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
049E1E

Protanopia
988718

Deuteranopia
A9802D



Tritanopia
42939F

Trichromacy



Original Color
049E1E



Protanomaly
628F1A



Deuteranomaly
6D8B28



Tritanomaly
2B9770

Monochromacy



Original Color
049E1E



Achromatopsia
616161



Achromatomaly
3F7749

CSS Examples

Text

The CSS property to change the color of the text to Hex 049E1E 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 #049E1E looks like.

```
.text, #text, p{  
    color:#049E1E  
}
```

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 #049E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049E1E
}
```

Border

The CSS property to change the border of an element to Hex 049E1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

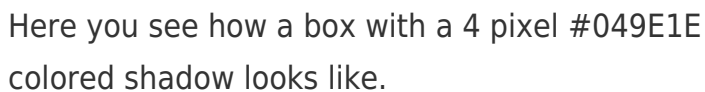
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#049E1E }
```

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

```
.border{ border-color:#049E1E }
```

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



Here you see how a box with a 4 pixel #049E1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049E1E; -webkit-box-shadow:4px 4px  
4px 4px #049E1E; box-shadow:4px 4px 4px  
4px #049E1E }
```

Background

The CSS property to change the background color of an element to Hex 049E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049E1E }
```

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

```
.background{ background-color:#049E1E }
```

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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