

# Converting Colors

Hex(058E1A)

Have a look what the booklet for  
Hex(058E1A) contains.

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# Color

Hex(058E1A)

# Conversions

## Conversions Part 1

Format	Color
Hex	058E1A
RGB	5, 142, 26
RGB Percent	2%, 56%, 10%
CMY	0.9804, 0.4431, 0.8980
CMYK	0.96, 0.00, 0.82, 0.44
HSL	129°, 93%, 29%
HSV	129°, 96%, 56%
XYZ	9.9220, 19.4528, 4.2091
YIQ	87.8130, -44.4160, -65.1200

# Conversions

## Conversions Part 2

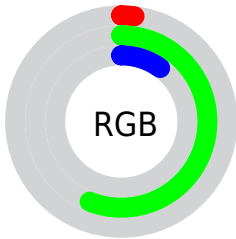
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 124, 142
Decimal	364058
CIELab	51.21, -54.28, 48.26
CIELCh	51, 72.633, 138.362
Yxy	19.4528, 0.2954, 0.5792
Android (android.graphics.Color)	4278554138 (0xFF058E1A)
YUV	87.8130, -30.4738, -72.6270
Hunter-Lab	44.1054, -37.0287, 25.2155

# Details

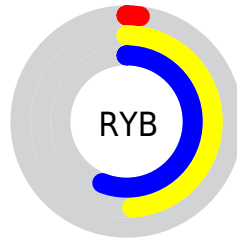
The Hex color **058E1A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8E0579**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **57C550**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **008E16**, and if you desaturate by 10%, it is **138E26**.

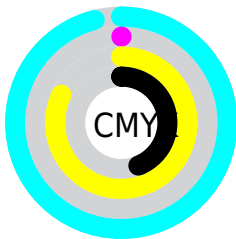
# Distribution



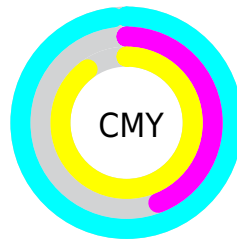
- Red (2%)
- Green (56%)
- Blue (10%)



- Red (2%)
- Yellow (49%)
- Blue (56%)



- Cyan (96%)
- Magenta (0%)
- Yellow (82%)
- Black (44%)



- Cyan (98%)
- Magenta (44%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 058E1A 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 058E1A by changing the saturation by 10% instead.





058E1A



058E1A

FFFFFF



007400



57C550



005A00



74E16A



004100



91FF85



002B00



AFFFA0



000800



CCFFBC



000000



EAFD8



FFFFF5



058E1A



058E1A

■ 008E16

■ 138E26

■ 218E32

■ 308E3E

■ 3E8E4A

■ 4C8E56

■ 5A8E62

■ 688E6E

■ 778E7A

■ 858E86

# Harmonies

## Analogous

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



708300



058E1A



00935F

# Triad

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



058E1A



0089F5



E53057

# Complementary

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



058E1A



8E0579

# 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.



DB3195



058E1A



2C74F1

# Square

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



058E1A



0092D6



AA55CD



D1511A

# Rectangle

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



058E1A



00958A



AA55CD



E52A6B



# Sweetspot

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



058E1A



82B88B



798E05



3C5C41



DBDBDB



5C5C5C



# Same Dimension

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



058E1A



00B81C



058E5E



404741



008715



000801



# Inverse Universe

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



8E0579



B8009B



8E0535



474046



870072

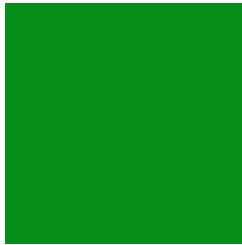


080006



# Previews

## White Background



This preview shows how the Hex color 058E1A looks on a white background.

## Color Contrast Check

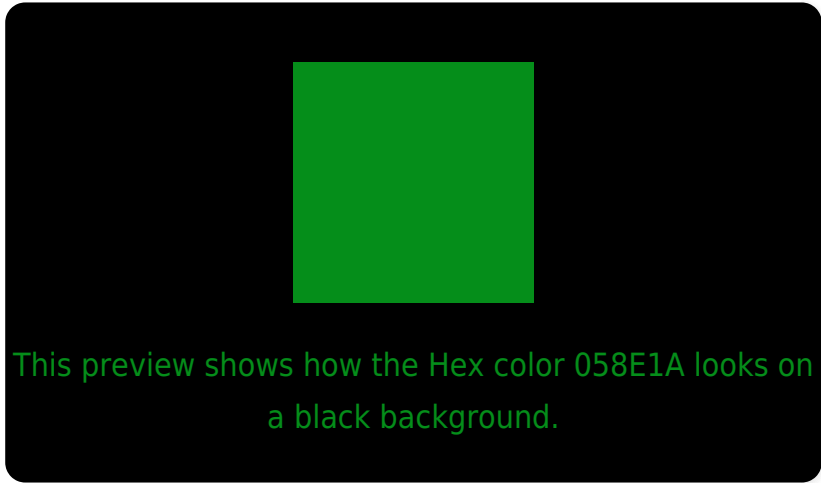
Large Text (above 18pt) WCAG AA ✓ Pass

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 058E1A Background



This preview shows how black text looks on a background with the Hex color 058E1A.



This preview shows how white text looks on a background with the Hex color 058E1A.

# 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**  
058E1A

**Protanopia**  
897A15

**Deuteranopia**  
987327



**Tritanopia**  
3B848F

# Trichromacy



**Original Color**  
058E1A



**Protanomaly**  
598117



**Deuteranomaly**  
637D22



**Tritanomaly**  
278864

# Monochromacy



**Original Color**  
058E1A



**Achromatopsia**  
585858



**Achromatomaly**  
3A6C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 058E1A 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 #058E1A looks like.

```
.text, #text, p{  
    color:#058E1A  
}
```

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 #058E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058E1A
}
```

## Border

The CSS property to change the border of an element to Hex 058E1A 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
#058E1A }
```

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

```
.border{ border-color:#058E1A }
```

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

Here you see how a box with a 4 pixel #058E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058E1A; -webkit-box-shadow:4px 4px  
4px 4px #058E1A; box-shadow:4px 4px 4px  
4px #058E1A }
```

# Background

The CSS property to change the background color of an element to Hex 058E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058E1A }
```

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

```
.background{ background-color:#058E1A }
```

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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