

# Converting Colors

Hex(008E1B)

Have a look what the booklet for  
Hex(008E1B) contains.

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**Color**

**Hex(008E1B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008E1B
RGB	0, 142, 27
RGB Percent	0%, 56%, 11%
CMY	1.0000, 0.4431, 0.8941
CMYK	1.00, 0.00, 0.81, 0.44
HSL	131°, 100%, 28%
HSV	131°, 100%, 56%
XYZ	9.8708, 19.4251, 4.2661
YIQ	86.4320, -47.7170, -65.8690

# Conversions

## Conversions Part 2

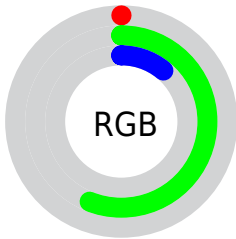
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 142
Decimal	36379
CIELab	51.18, -54.55, 47.90
CIELCh	51, 72.597, 138.714
Yxy	19.4251, 0.2941, 0.5788
Android (android.graphics.Color)	4278226459 (0xFF008E1B)
YUV	86.4320, -29.3000, -75.8009
Hunter-Lab	44.0740, -37.1524, 25.1129

# Details

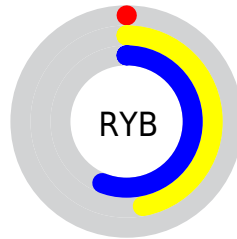
The Hex color **008E1B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8E0073**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **55C551**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **008E1B**, and if you desaturate by 10%, it is **0E8E27**.

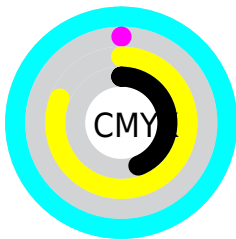
# Distribution



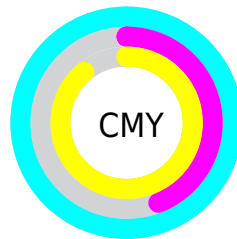
- Red (0%)
- Green (56%)
- Blue (11%)



- Red (0%)
- Yellow (47%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (89%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008E1B 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 008E1B by changing the saturation by 10% instead.



 008E1B

 008E1B

FFFFFF

 007400

 55C551

 005A00

 73E16B

 004100

 90FF86

 002B00

 ADFFA1

 000800

 CBFFBD

 000000

 E9FFD9

 FFFFF6

 008E1B

 0E8E27

 1C8E32

 2B8E3E

 398E49

 478E55

 558E60

 638E6C

 728E77

 808E83

# Harmonies

## Analogous

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



6F8300



008E1B



009360

# Triad

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



008E1B



0088F5



E53056

# Complementary

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



008E1B



8E0073

# 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.



DB3194



008E1B



3074F1

# Square

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



008E1B



0092D7



AB54CD



D05119

# Rectangle

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



008E1B



00958B



AB54CD



E52A6B



# Sweetspot

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



008E1B



81B88B



748E00



3B5C41



DBDBDB



5C5C5C



# Same Dimension

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



008E1B



00B823



008E61



404742



00871A



000801



# Inverse Universe

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



8E0073



B80095



8E002D



474046



87006D

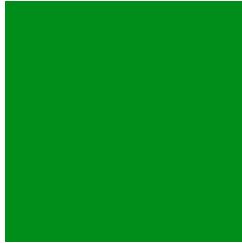


080006



# Previews

## White Background



This preview shows how the Hex color 008E1B looks on a white background.

## Color Contrast Check

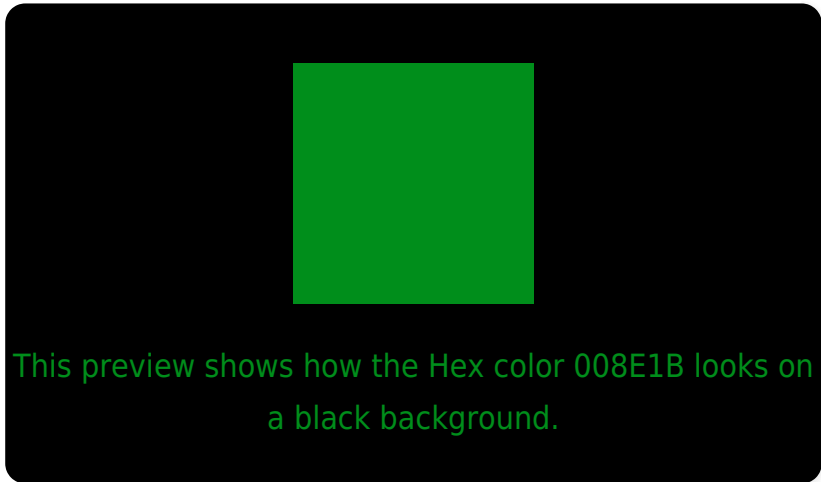
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E1B Background



This preview shows how black text looks on a background with the Hex color 008E1B.



This preview shows how white text looks on a background with the Hex color 008E1B.

# 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**  
008E1B

**Protanopia**  
897A16

**Deuteranopia**  
987328



**Tritanopia**  
3B848F

# Trichromacy



**Original Color**  
008E1B



**Protanomaly**  
578118



**Deuteranomaly**  
617D23



**Tritanomaly**  
268865

# Monochromacy



**Original Color**  
008E1B



**Achromatopsia**  
565656



**Achromatomaly**  
376A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008E1B 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 #008E1B looks like.

```
.text, #text, p{  
    color:#008E1B  
}
```

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 #008E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E1B
}
```

## Border

The CSS property to change the border of an element to Hex 008E1B 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
#008E1B }
```

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

```
.border{ border-color:#008E1B }
```

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

Here you see how a box with a 4 pixel #008E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E1B; -webkit-box-shadow:4px 4px  
4px 4px #008E1B; box-shadow:4px 4px 4px  
4px #008E1B }
```

# Background

The CSS property to change the background color of an element to Hex 008E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E1B }
```

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

```
.background{ background-color:#008E1B }
```

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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