

# Converting Colors

Hex(0E8811)

Have a look what the booklet for  
Hex(0E8811) contains.

<b>Hex(0E8811)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0E8811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E8811
RGB	14, 136, 17
RGB Percent	5%, 53%, 7%
CMY	0.9451, 0.4667, 0.9333
CMYK	0.90, 0.00, 0.88, 0.47
HSL	121°, 81%, 29%
HSV	121°, 90%, 53%
XYZ	9.0864, 17.7422, 3.4760
YIQ	85.9560, -34.5130, -62.8730

# Conversions

## Conversions Part 2

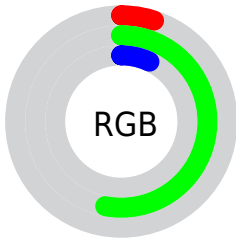
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 133, 136
Decimal	952337
CIE <sub>Lab</sub>	49.18, -52.33, 48.94
CIE <sub>LCh</sub>	49, 71.648, 136.920
Yxy	17.7422, 0.2998, 0.5855
Android (android.graphics.Color)	4279142417 (0xFF0E8811)
YUV	85.9560, -33.9953, -63.1054
Hunter-Lab	42.1214, -35.2065, 24.5922

# Details

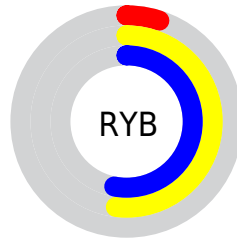
The Hex color **0E8811** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **880E85**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **58BF49**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **008804**, and if you desaturate by 10%, it is **1C881E**.

# Distribution



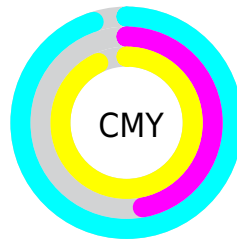
- Red (5%)
- Green (53%)
- Blue (7%)



- Red (5%)
- Yellow (52%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (88%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E8811 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 0E8811 by changing the saturation by 10% instead.



 0E8811

 0E8811

FFFFFF

 006E00

 58BF49

 005400

 75DB64

 003C00

 92F87E

 002600

 AFFF99

 000000

 CCFFB5

 EAFFD1

 FFFFEE

 0E8811

 0E8811

■ 008804

■ 1C881E

■ 008803

■ 29882C

■ 378839

■ 448846

■ 528853

■ 608861

■ 6D886E

■ 7B887B

■ 888888

# Harmonies

## Analogous

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



6E7D00



0E8811



008E57

# Triad

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



0E8811



0084EC



DE2956

# Complementary

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



0E8811



880E85

# 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.



D22E92



0E8811



0971EB

# Square

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



0E8811



008DCD



A152C9



CB4B1A

# Rectangle

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



0E8811



008F82



A152C9



DE246A



# Sweetspot

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



0E8811



80B082



86880E



3D593D



D9D9D9



595959



# Same Dimension

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



0E8811



00B004



0E884D



3E453E



008503



000500



# Inverse Universe

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



880E85



B000AC



880E49



453E45



850081

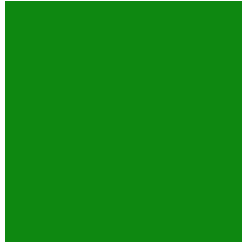


050005



# Previews

## White Background



This preview shows how the Hex color 0E8811 looks on a white background.

## Color Contrast Check

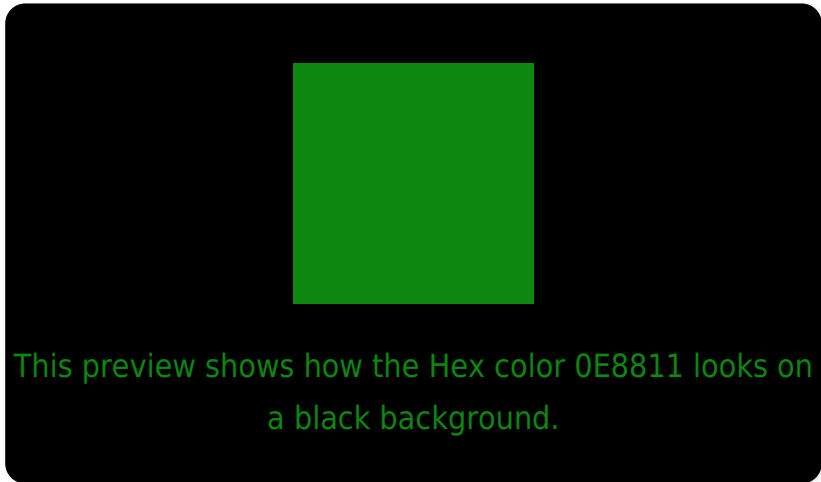
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 0E8811 Background



This preview shows how black text looks on a background with the Hex color 0E8811.



This preview shows how white text looks on a background with the Hex color 0E8811.

# 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**  
0E8811

**Protanopia**  
83750A

**Deuteranopia**  
926E21



**Tritanopia**  
3A7F89

# Trichromacy



**Original Color**  
0E8811



**Protanomaly**  
587C0D



**Deuteranomaly**  
62771B



**Tritanomaly**  
2A825D

# Monochromacy



**Original Color**  
0E8811



**Achromatopsia**  
565656



**Achromatomaly**  
3C683D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E8811 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 #0E8811 looks like.

```
.text, #text, p{  
    color:#0E8811  
}
```

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 #0E8811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E8811
}
```

## Border

The CSS property to change the border of an element to Hex 0E8811 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
#0E8811 }
```

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

```
.border{ border-color:#0E8811 }
```

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

Here you see how a box with a 4 pixel #0E8811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E8811; -webkit-box-shadow:4px 4px  
4px 4px #0E8811; box-shadow:4px 4px 4px  
4px #0E8811 }
```

# Background

The CSS property to change the background color of an element to Hex 0E8811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E8811 }
```

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

```
.background{ background-color:#0E8811 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor