

# Converting Colors

Hex(1E8C00)

Have a look what the booklet for  
Hex(1E8C00) contains.

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# Color

Hex(1E8C00)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E8C00
RGB	30, 140, 0
RGB Percent	12%, 55%, 0%
CMY	0.8824, 0.4510, 1.0000
CMYK	0.79, 0.00, 1.00, 0.45
HSL	107°, 100%, 27%
HSV	107°, 100%, 55%
XYZ	9.9135, 19.0322, 3.1511
YIQ	91.1500, -20.6200, -66.8600

# Conversions

## Conversions Part 2

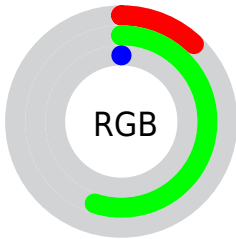
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 140, 110
Decimal	2001920
CIELab	50.72, -52.25, 53.64
CIElCh	51, 74.879, 134.247
Yxy	19.0322, 0.3089, 0.5930
Android (android.graphics.Color)	4280192000 (0xFF1E8C00)
YUV	91.1500, -44.9369, -53.6285
Hunter-Lab	43.6259, -35.7832, 26.2556

# Details

The Hex color **1E8C00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6E008C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **60C343**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **1E8C00**, and if you desaturate by 10%, it is **298C0E**.

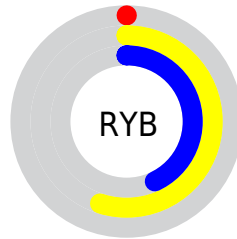
# Distribution



Red (12%)

Green (55%)

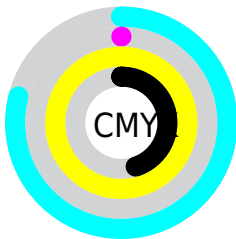
Blue (0%)



Red (0%)

Yellow (55%)

Blue (43%)

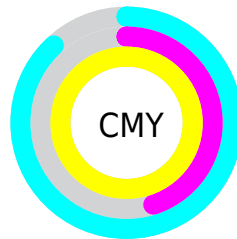


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (88%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E8C00 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 1E8C00 by changing the saturation by 10% instead.



 1E8C00

 1E8C00

FFFFFF

 007200

 60C343

 005800

 7DDF5D

 004000

 9AFC78

 002A00

 B7FF93

 000500

 D5FFAF

 000000

 F2FFCB

 FFFFE8

 1E8C00

 298C0E

 348C1C

 3F8C2A

 4A8C38

 558C46

 608C54

 6B8C62

 768C70

 818C7E

# Harmonies

## Analogous

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



777F00



1E8C00



009254

# Triad

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



1E8C00



008AF5



E7245E

# Complementary

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



1E8C00



6E008C

# 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.



D82F9D



1E8C00



0077F6

# Square

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



1E8C00



0092D1



9F57D5



D6481F

# Rectangle

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



1E8C00



009480



9F57D5



E62073



# Sweetspot

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



1E8C00



8AB57F



8C6E00



425C3B



DBDBDB



5C5C5C



# Same Dimension

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



1E8C00



27B500



008C28



3F453E



1C8500



010500



# Inverse Universe

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



6E008C



8E00B5



8C0064



433E45



680085

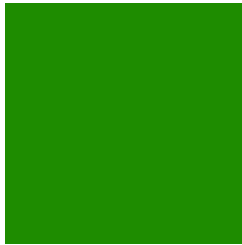


040005



# Previews

## White Background



This preview shows how the Hex color 1E8C00 looks on a white background.

## Color Contrast Check

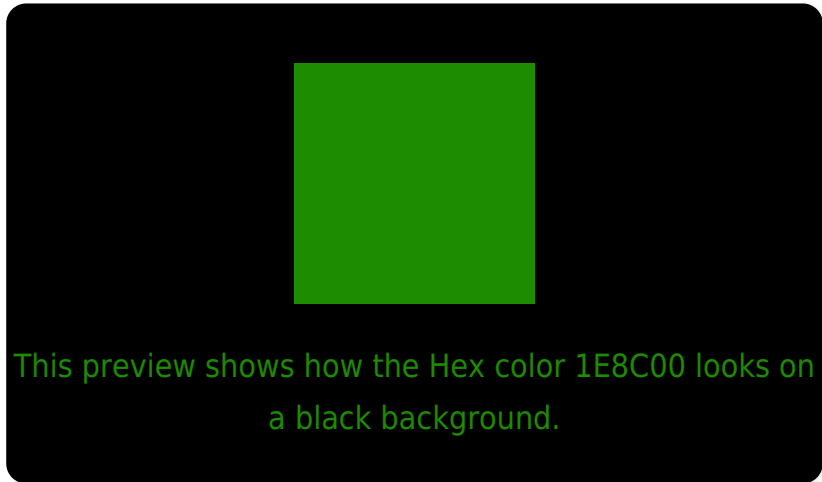
Large Text (above 18pt) WCAG AA ✓ Pass

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

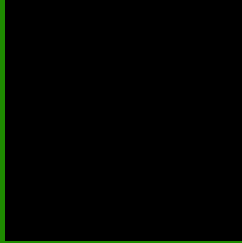
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E8C00 Background



This preview shows how black text looks on a background with the Hex color 1E8C00.



This preview shows how white text looks on a background with the Hex color 1E8C00.

# 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**  
1E8C00

**Protanopia**  
887800

**Deuteranopia**  
97721E



**Tritanopia**  
41828D

# Trichromacy



**Original Color**  
1E8C00



**Protanomaly**  
617F00



**Deuteranomaly**  
6B7B13



**Tritanomaly**  
34865A

# Monochromacy



**Original Color**  
1E8C00



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
456D3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E8C00 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 #1E8C00 looks like.

```
.text, #text, p{  
    color:#1E8C00  
}
```

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 #1E8C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8C00
}
```

## Border

The CSS property to change the border of an element to Hex 1E8C00 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
#1E8C00 }
```

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

```
.border{ border-color:#1E8C00 }
```

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

Here you see how a box with a 4 pixel #1E8C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8C00; -webkit-box-shadow:4px 4px  
4px 4px #1E8C00; box-shadow:4px 4px 4px  
4px #1E8C00 }
```

# Background

The CSS property to change the background color of an element to Hex 1E8C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8C00 }
```

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

```
.background{ background-color:#1E8C00 }
```

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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