

Converting Colors

Hex(1E8B00)

Have a look what the booklet for
Hex(1E8B00) contains.

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Color

Hex(1E8B00)

Conversions

Conversions Part 1

Format	Color
Hex	1E8B00
RGB	30, 139, 0
RGB Percent	12%, 55%, 0%
CMY	0.8824, 0.4549, 1.0000
CMYK	0.78, 0.00, 1.00, 0.45
HSL	107°, 100%, 27%
HSV	107°, 100%, 55%
XYZ	9.7680, 18.7413, 3.1026
YIQ	90.5630, -20.3450, -66.3370

Conversions

Conversions Part 2

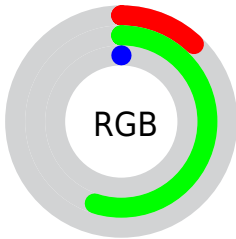
Format	Color
RYB	0, 139, 109
Decimal	2001664
CIELab	50.38, -51.93, 53.37
CIELCh	50, 74.463, 134.219
Yxy	18.7413, 0.3090, 0.5929
Android (android.graphics.Color)	4280191744 (0xFF1E8B00)
YUV	90.5630, -44.6476, -53.1138
Hunter-Lab	43.2912, -35.4836, 26.0546

Details

The Hex color **1E8B00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6D008B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **60C242**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **1E8B00**, and if you desaturate by 10%, it is **298B0E**.

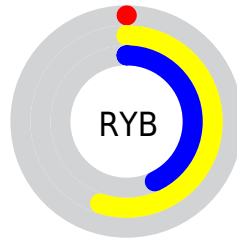
Distribution



Red (12%)

Green (55%)

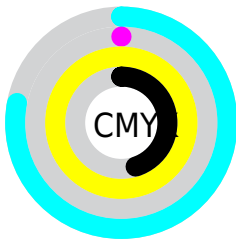
Blue (0%)



Red (0%)

Yellow (55%)

Blue (43%)

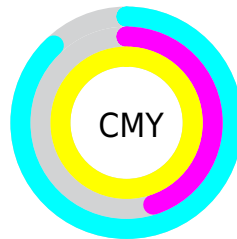


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (88%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8B00 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 1E8B00 by changing the saturation by 10% instead.

 1E8B00

 1E8B00

FFFFFF

 007100

 60C242

 005700

 7DDE5D

 003F00

 9AFB78

 002900

 B7FF93

 000300

 D4FFAF

 000000

 F2FFCB

 FFFFE8

 1E8B00

 298B0E

 348B1C

 3F8B2A

 4A8B38

 558B46

 5F8B53

 6A8B61

 758B6F

 808B7D

Harmonies

Analogous

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



767E00



1E8B00



009153

Triad

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



1E8B00



0089F3



E5245D

Complementary

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



1E8B00



6D008B

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.



D62F9C



1E8B00



0076F5

Square

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



1E8B00



0091D0



9E56D4



D4481F

Rectangle

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



1E8B00



00937F



9E56D4



E41F72

Sweetspot

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



1E8B00



8AB57F



8B6D00



425C3B



DBDBDB



5C5C5C

Same Dimension

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



1E8B00



27B500



008B27



3F453E



1D8500



010500

Inverse Universe

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



6D008B



8E00B5



8B0064



433E45



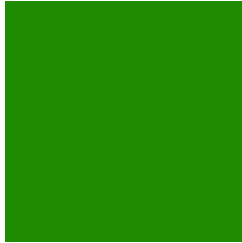
680085



040005

Previews

White Background



This preview shows how the Hex color 1E8B00 looks on a white background.

Color Contrast Check

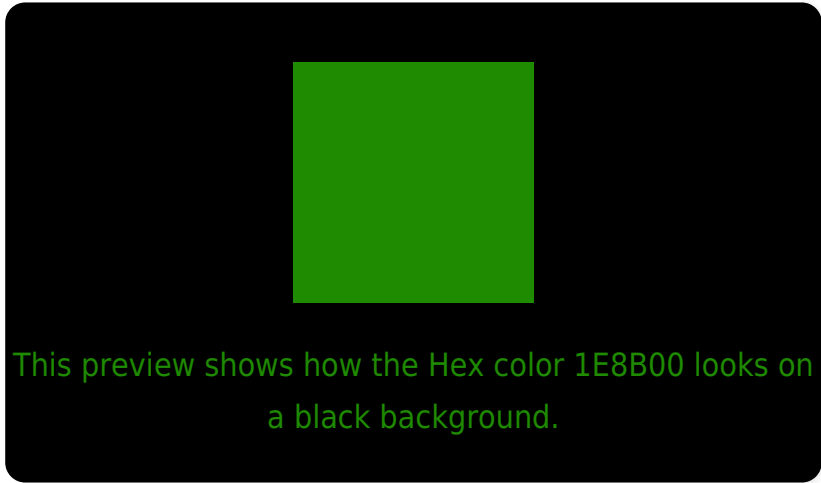
Large Text (above 18pt) WCAG AA ✓ Pass

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

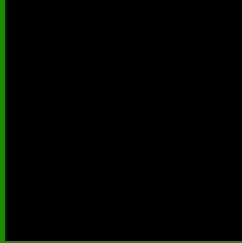
Any Text WCAG AA ✓ Pass

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 1E8B00 Background



This preview shows how black text looks on a background with the Hex color 1E8B00.



This preview shows how white text looks on a background with the Hex color 1E8B00.

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
1E8B00

Protanopia
877800

Deuteranopia
96711E



Tritanopia
40818C

Trichromacy



Original Color
1E8B00



Protanomaly
617F00



Deuteranomaly
6A7A13



Tritanomaly
348559

Monochromacy



Original Color
1E8B00



Achromatopsia
5B5B5B



Achromatomaly
456C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8B00 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 #1E8B00 looks like.

```
.text, #text, p{  
    color:#1E8B00  
}
```

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 #1E8B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8B00
}
```

Border

The CSS property to change the border of an element to Hex 1E8B00 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".

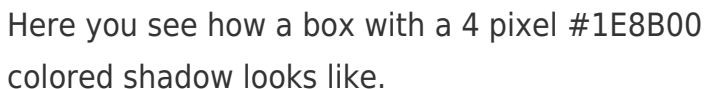
```
.border, #border, table{ border:4px solid
#1E8B00 }
```

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

```
.border{ border-color:#1E8B00 }
```

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

Here you see how a box with a 4 pixel #1E8B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8B00; -webkit-box-shadow:4px 4px  
4px 4px #1E8B00; box-shadow:4px 4px 4px  
4px #1E8B00 }
```

Background

The CSS property to change the background color of an element to Hex 1E8B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8B00 }
```

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

```
.background{ background-color:#1E8B00 }
```

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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