

Converting Colors

Hex(1E8E17)

Have a look what the booklet for
Hex(1E8E17) contains.

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Color

Hex(1E8E17)

Conversions

Conversions Part 1

Format	Color
Hex	1E8E17
RGB	30, 142, 23
RGB Percent	12%, 56%, 9%
CMY	0.8824, 0.4431, 0.9098
CMYK	0.79, 0.00, 0.84, 0.44
HSL	116°, 72%, 32%
HSV	116°, 84%, 56%
XYZ	10.3631, 19.6839, 4.0638
YIQ	94.9460, -28.5530, -60.7530

Conversions

Conversions Part 2

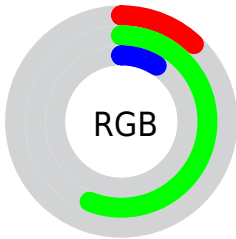
Format	Color
R_{YB}	23, 142, 135
Decimal	2002455
CIE Lab	51.48, -51.99, 49.50
CIE LCh	51, 71.787, 136.402
Yxy	19.6839, 0.3038, 0.5771
Android (android.graphics.Color)	4280192535 (0xFF1E8E17)
YUV	94.9460, -35.4694, -56.9576
Hunter-Lab	44.3665, -35.9476, 25.6258

Details

The Hex color **1E8E17** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87178E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **60C54E**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **118E09**, and if you desaturate by 10%, it is **2B8E25**.

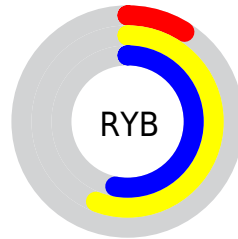
Distribution



Red (12%)

Green (56%)

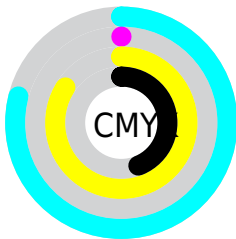
Blue (9%)



Red (9%)

Yellow (56%)

Blue (53%)

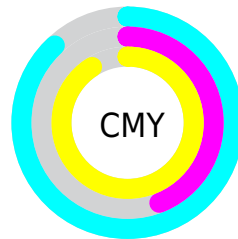


Cyan (79%)

Magenta (0%)

Yellow (84%)

Black (44%)



Cyan (88%)

Magenta (44%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8E17 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 1E8E17 by changing the saturation by 10% instead.



1E8E17



1E8E17

FFFFFF



007400



60C54E



005A00



7DE169



004100



9AFE83



002C00



B7FF9E



000A00



D4FFBA



000000



F2FFD7



FFFFFF3



1E8E17



1E8E17

■ 118E09

■ 2B8E25

■ 088E00

■ 398E33

■ 468E42

■ 538E50

■ 618E5E

■ 6E8E6C

■ 7C8E7A

■ 898E89

■ 968E97

Harmonies

Analogous

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



758200



1E8E17



00945C

Triad

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



1E8E17



008AF3



E5325C

Complementary

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



1E8E17



87178E

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.



D93699



1E8E17



1777F2

Square

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



1E8E17



0093D3



A658D0



D35021

Rectangle

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



1E8E17



009587



A658D0



E52D70

Sweetspot

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



1E8E17



8CB88A



8E8617



425C40



DBDBDB



5C5C5C

Same Dimension

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



1E8E17



0BB800



178E4B



414740



088700



000800

Inverse Universe

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



87178E



AD00B8



8E175A



474047



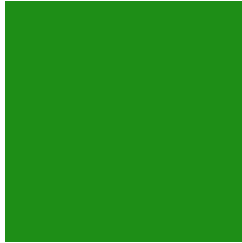
7F0087



070008

Previews

White Background



This preview shows how the Hex color 1E8E17 looks on a white background.

Color Contrast Check

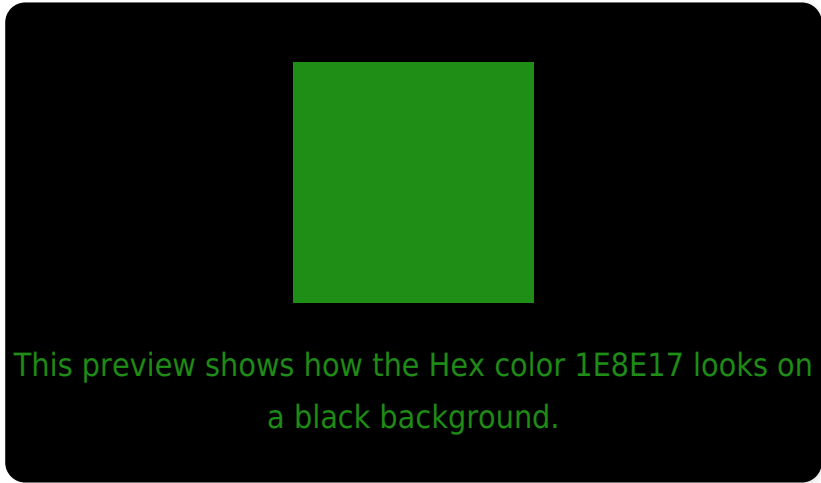
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E8E17 Background



This preview shows how black text looks on a background with the Hex color 1E8E17.

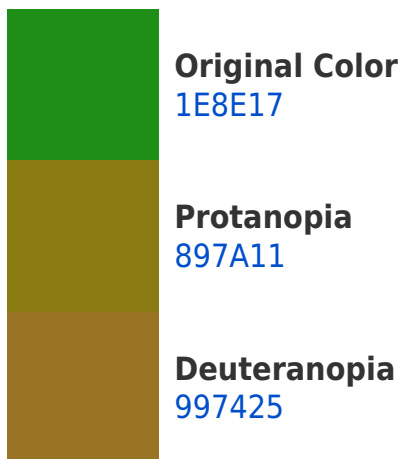



This preview shows how white text looks on a background with the Hex color 1E8E17.

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





Tritanopia
41848F

Trichromacy



Original Color
1E8E17



Protanomaly
628113



Deuteranomaly
6C7D20



Tritanomaly
348863

Monochromacy



Original Color
1E8E17



Achromatopsia
5F5F5F



Achromatomaly
477045

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8E17 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 #1E8E17 looks like.

```
.text, #text, p{  
    color:#1E8E17  
}
```

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 #1E8E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8E17
}
```

Border

The CSS property to change the border of an element to Hex 1E8E17 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".

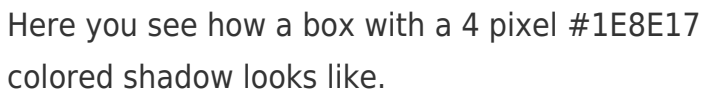
```
.border, #border, table{ border:4px solid
#1E8E17 }
```

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

```
.border{ border-color:#1E8E17 }
```

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

Here you see how a box with a 4 pixel #1E8E17 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8E17; -webkit-box-shadow:4px 4px  
4px 4px #1E8E17; box-shadow:4px 4px 4px  
4px #1E8E17 }
```

Background

The CSS property to change the background color of an element to Hex 1E8E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8E17 }
```

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

```
.background{ background-color:#1E8E17 }
```

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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