

Converting Colors

Hex(1C8E4E)

Have a look what the booklet for
Hex(1C8E4E) contains.

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Color

Hex(1C8E4E)

Conversions

Conversions Part 1

Format	Color
Hex	1C8E4E
RGB	28, 142, 78
RGB Percent	11%, 56%, 31%
CMY	0.8902, 0.4431, 0.6941
CMYK	0.80, 0.00, 0.45, 0.44
HSL	146°, 67%, 33%
HSV	146°, 80%, 56%
XYZ	11.5270, 20.1429, 10.4882
YIQ	100.6180, -47.4000, -44.0720

Conversions

Conversions Part 2

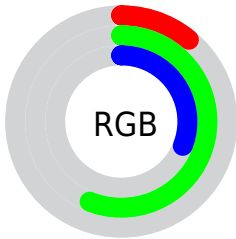
Format	Color
R_{YB}	28, 107, 142
Decimal	1871438
CIE _{Lab}	52.00, -45.60, 25.56
CIE _{LCh}	52, 52.277, 150.732
Yxy	20.1429, 0.2734, 0.4778
Android (android.graphics.Color)	4280061518 (0xFF1C8E4E)
YUV	100.6180, -11.1507, -63.6860
Hunter-Lab	44.8809, -32.6963, 17.5612

Details

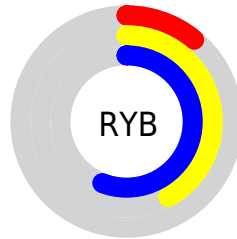
The Hex color **1C8E4E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8E1C5C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5DC580**, and **005A20** is the 20% darker color. If you saturate the color by 10%, you get **0E8E46**, and if you desaturate by 10%, it is **2A8E56**.

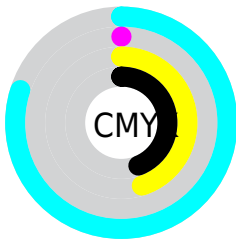
Distribution



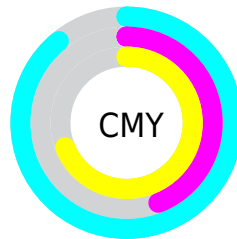
- Red (11%)
- Green (56%)
- Blue (31%)



- Red (11%)
- Yellow (42%)
- Blue (56%)



- Cyan (80%)
- Magenta (0%)
- Yellow (45%)
- Black (44%)



- Cyan (89%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8E4E 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 1C8E4E by changing the saturation by 10% instead.

 1C8E4E

 1C8E4E

FFFFFF

 007436

 5DC580

 005A20

 79E19A

 004209

 95FEB5

 002C00

 B2FFD1

 000D00

 CFFFED

 000000

 EDFFFF

 1C8E4E

 1C8E4E

 0E8E46

 2A8E56

■ 008E3E

■ 388E5E

■ 478E66

■ 558E6E

■ 638E76

■ 718E7E

■ 7F8E86

■ 8E8E8E

■ 9C8E96

Harmonies

Analogous

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



658728



1C8E4E



00917C

Triad

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



1C8E4E



0081D6



CA5851

Complementary

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



1C8E4E



8E1C5C

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.



CB517D



1C8E4E



7E70C9

Square

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



1C8E4E



008CCA



B35CA9



B5692C

Rectangle

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



1C8E4E



00919A



B35CA9



CD545F

Sweetspot

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



1C8E4E



8CB89F



5D8E1C



415C4D



DBDBDB



5C5C5C

Same Dimension

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



1C8E4E



07B855



1C8E86



404743



00873B



000803

Inverse Universe

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



8E1C5C



B8076A



8E1C24



474044



87004C



080004

Previews

White Background



This preview shows how the Hex color 1C8E4E looks on a white background.

Color Contrast Check

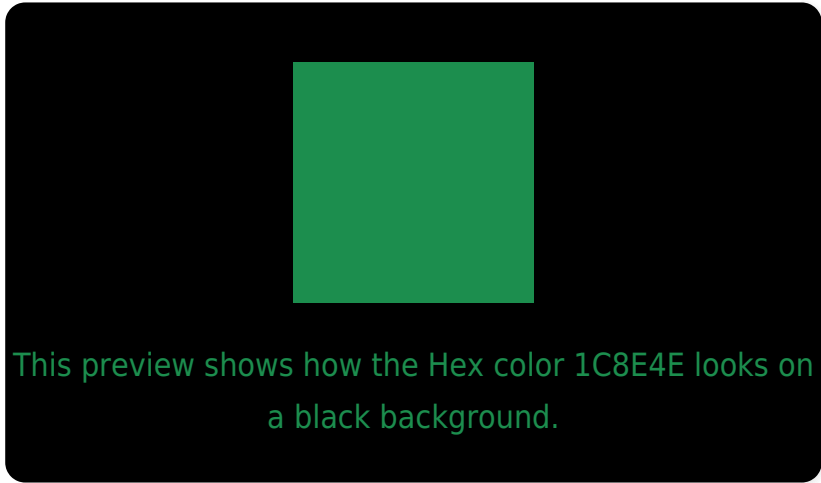
Large Text (above 18pt) WCAG AA ✓ Pass

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

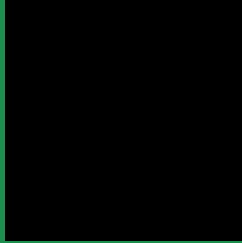
Any Text WCAG AA ✓ Pass

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 1C8E4E Background



This preview shows how black text looks on a background with the Hex color 1C8E4E.



This preview shows how white text looks on a background with the Hex color 1C8E4E.

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
1C8E4E

Protanopia
877B47

Deuteranopia
937654



Tritanopia
3B8691

Trichromacy



Original Color
1C8E4E



Protanomaly
60824A



Deuteranomaly
687F52



Tritanomaly
308979

Monochromacy



Original Color
1C8E4E



Achromatopsia
656565



Achromatomaly
4A745D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8E4E 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 #1C8E4E looks like.

```
.text, #text, p{  
    color:#1C8E4E  
}
```

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 #1C8E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8E4E
}
```

Border

The CSS property to change the border of an element to Hex 1C8E4E 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
#1C8E4E }
```

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

```
.border{ border-color:#1C8E4E }
```

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

Here you see how a box with a 4 pixel #1C8E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8E4E; -webkit-box-shadow:4px 4px  
4px 4px #1C8E4E; box-shadow:4px 4px 4px  
4px #1C8E4E }
```

Background

The CSS property to change the background color of an element to Hex 1C8E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8E4E }
```

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

```
.background{ background-color:#1C8E4E }
```

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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