

# Converting Colors

Hex(1C8E2F)

Have a look what the booklet for  
Hex(1C8E2F) contains.

<b>Hex(1C8E2F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1C8E2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C8E2F
RGB	28, 142, 47
RGB Percent	11%, 56%, 18%
CMY	0.8902, 0.4431, 0.8157
CMYK	0.80, 0.00, 0.67, 0.44
HSL	130°, 67%, 33%
HSV	130°, 80%, 56%
XYZ	10.6650, 19.7981, 5.9486
YIQ	97.0840, -37.4490, -53.7130

# Conversions

## Conversions Part 2

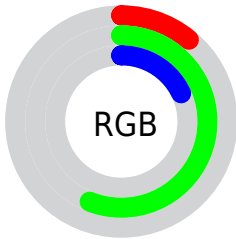
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 126, 142
Decimal	1871407
CIE <sub>Lab</sub>	51.61, -50.25, 40.68
CIE <sub>LCh</sub>	52, 64.651, 141.012
Yxy	19.7981, 0.2929, 0.5437
Android (android.graphics.Color)	4280061487 (0xFF1C8E2F)
YUV	97.0840, -24.6914, -60.5867
Hunter-Lab	44.4951, -35.0819, 23.2199

# Details

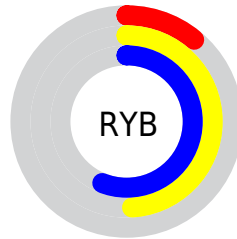
The Hex color **1C8E2F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E1C7B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5EC561**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **0E8E23**, and if you desaturate by 10%, it is **2A8E3B**.

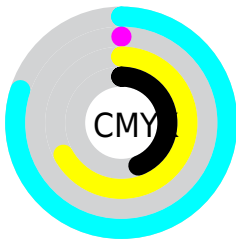
# Distribution



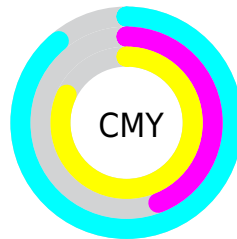
- Red (11%)
- Green (56%)
- Blue (18%)



- Red (11%)
- Yellow (49%)
- Blue (56%)



- Cyan (80%)
- Magenta (0%)
- Yellow (67%)
- Black (44%)



- Cyan (89%)
- Magenta (44%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8E2F 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 1C8E2F by changing the saturation by 10% instead.



 1C8E2F

 1C8E2F

FFFFFF

 007415

 5EC561

 005A00

 7AE17B

 004100

 97FE96

 002C00

 B4FFB1

 000B00

 D1FFCD

 000000

 EFFFEA

 1C8E2F

 1C8E2F

 0E8E23

 2A8E3B

■ 008E18

■ 388E47

■ 478E53

■ 558E5E

■ 638E6A

■ 718E76

■ 7F8E82

■ 8E8E8E

■ 9C8E9A

# Harmonies

## Analogous

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



6F8400



1C8E2F



009368

# Triad

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



1C8E2F



0087E9



DC4257

# Complementary

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



1C8E2F



8E1C7B

# 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.



D5418E



1C8E2F



5374E3

# Square

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



1C8E2F



0091D0



AC59C1



C85A23

# Rectangle

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



1C8E2F



00948F



AC59C1



DD3E69



# Sweetspot

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



1C8E2F



8CB893



7B8E1C



415C46



DBDBDB



5C5C5C



# Same Dimension

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



1C8E2F



07B825



1C8E68



404741



008717



000801



# Inverse Universe

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



8E1C7B



B8079A



8E1C42



474046



870071



080006



# Previews

## White Background



This preview shows how the Hex color 1C8E2F looks on a white background.

## Color Contrast Check

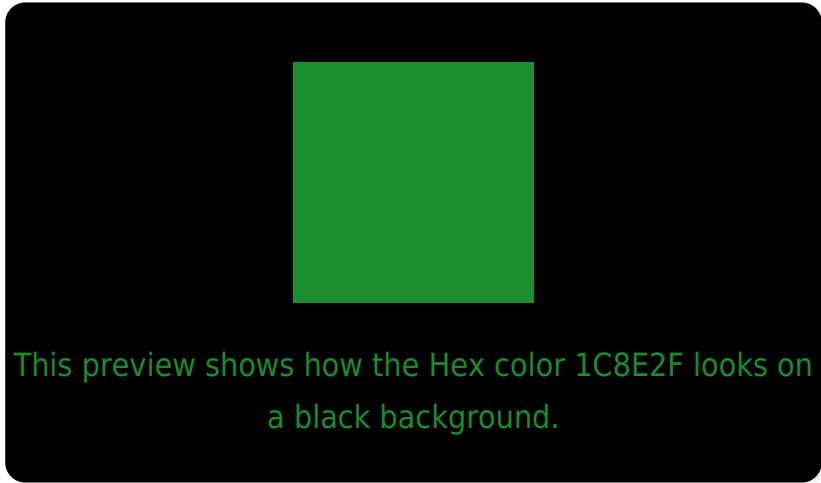
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C8E2F Background



This preview shows how black text looks on a background with the Hex color 1C8E2F.



This preview shows how white text looks on a background with the Hex color 1C8E2F.

# 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**  
1C8E2F

**Protanopia**  
897A2A

**Deuteranopia**  
977437



**Tritanopia**  
3F8590

# Trichromacy



**Original Color**  
1C8E2F



**Protanomaly**  
61812C



**Deuteranomaly**  
6A7D34



**Tritanomaly**  
32886D

# Monochromacy



**Original Color**  
1C8E2F



**Achromatopsia**  
616161



**Achromatomaly**  
48714F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8E2F 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 #1C8E2F looks like.

```
.text, #text, p{  
    color:#1C8E2F  
}
```

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 #1C8E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8E2F
}
```

## Border

The CSS property to change the border of an element to Hex 1C8E2F 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
#1C8E2F }
```

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

```
.border{ border-color:#1C8E2F }
```

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

Here you see how a box with a 4 pixel #1C8E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8E2F; -webkit-box-shadow:4px 4px  
4px 4px #1C8E2F; box-shadow:4px 4px 4px  
4px #1C8E2F }
```

# Background

The CSS property to change the background color of an element to Hex 1C8E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8E2F }
```

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

```
.background{ background-color:#1C8E2F }
```

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