

# Converting Colors

Hex(1E9B4C)

Have a look what the booklet for  
Hex(1E9B4C) contains.

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# Color

Hex(1E9B4C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9B4C
RGB	30, 155, 76
RGB Percent	12%, 61%, 30%
CMY	0.8824, 0.3922, 0.7020
CMYK	0.81, 0.00, 0.51, 0.39
HSL	142°, 68%, 36%
HSV	142°, 81%, 61%
XYZ	13.5613, 24.2405, 10.8016
YIQ	108.6190, -49.1410, -51.0690

# Conversions

## Conversions Part 2

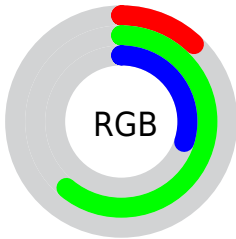
Format	Color
<a href="#">RYB</a>	<a href="#">30, 121, 155</a>
Decimal	<a href="#">2005836</a>
CIELab	<a href="#">56.33, -50.49, 32.12</a>
CIELCh	<a href="#">56, 59.838, 147.537</a>
Yxy	<a href="#">24.2405, 0.2790, 0.4987</a>
Android (android.graphics.Color)	<a href="#">4280195916 (0xFF1E9B4C)</a>
YUV	<a href="#">108.6190, -16.0812, -68.9489</a>
Hunter-Lab	<a href="#">49.2347, -36.9943, 21.4566</a>




# Details

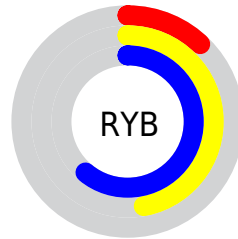
The Hex color **1E9B4C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B1E6D**, and the grayscale version is **6D6D6D**.




A 20% lighter version of the original color is **61D37E**, and **00661C** is the 20% darker color. If you saturate the color by 10%, you get **0F9B42**, and if you desaturate by 10%, it is **2E9B56**.

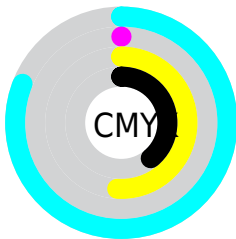
# Distribution







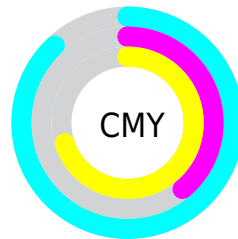
-  Red (12%)
-  Green (61%)
-  Blue (30%)






-  Red (12%)
-  Yellow (47%)
-  Blue (61%)



-  Cyan (81%)
-  Magenta (0%)
-  Yellow (51%)
-  Black (39%)



-  Cyan (88%)
-  Magenta (39%)
-  Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9B4C 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 1E9B4C by changing the saturation by 10% instead.



 1E9B4C

 1E9B4C

FFFFFF

 008034

 61D37E

 00661C

 7EEF99

 004D03

 9BFFB4

 003500

 B8FFD0

 001E00

 D6FFEC

 000000

 F3FFFF

 1E9B4C

 1E9B4C

 0F9B42

 2E9B56

■ 009B39

■ 3D9B60

■ 4D9B69

■ 5C9B73

■ 6C9B7D

■ 7B9B87

■ 8B9B91

■ 9A9B9A

■ AA9BA4

# Harmonies

## Analogous

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



72921E



1E9B4C



009F81

# Triad

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



1E9B4C



008EEF



E25A5A

# Complementary

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



1E9B4C



9B1E6D

# 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.



E1548E



1E9B4C



7E7BE4

# Square

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



1E9B4C



009ADE



C264C0



CC6E2D

# Rectangle

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



1E9B4C



00A0A5



C264C0



E5566B



# Sweetspot

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



1E9B4C



99C9AB



6D9B1E



486653



E6E6E6



666666



# Same Dimension

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



1E9B4C



06C94E



1E9B8A



454D48



008C34



000D05



# Inverse Universe

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



9B1E6D



C90682



9B1E2F



4D454A



8C0059



0D0008



# Previews

## White Background



This preview shows how the Hex color 1E9B4C looks on a white background.

## Color Contrast Check

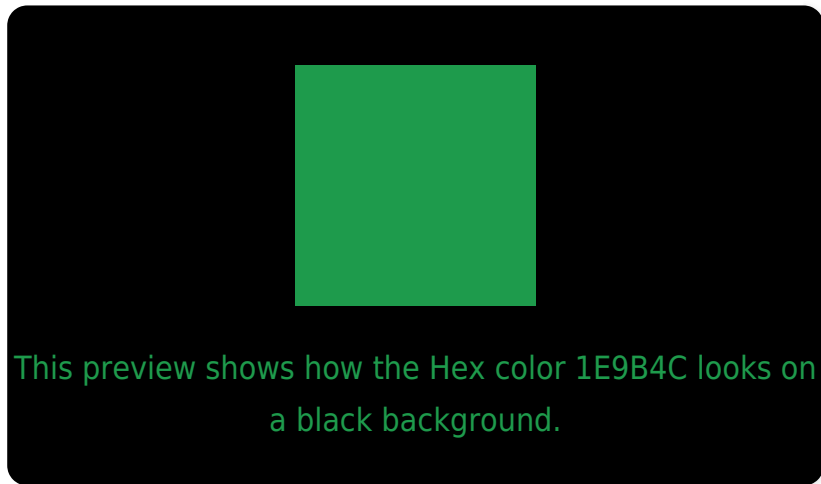
Large Text (above 18pt) WCAG AA ✓ Pass

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

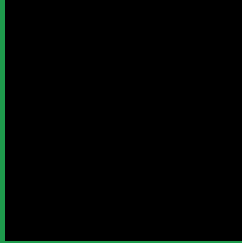
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1E9B4C Background



This preview shows how black text looks on a background with the Hex color 1E9B4C.



This preview shows how white text looks on a background with the Hex color 1E9B4C.

# 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**  
1E9B4C

**Protanopia**  
948645

**Deuteranopia**  
A28053



**Tritanopia**  
41929E

# Trichromacy



**Original Color**  
1E9B4C



**Protanomaly**  
698E48



**Deuteranomaly**  
728A50



**Tritanomaly**  
349580

# Monochromacy



**Original Color**  
1E9B4C



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
507E61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9B4C 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 #1E9B4C looks like.

```
.text, #text, p{  
    color:#1E9B4C  
}
```

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 #1E9B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9B4C
}
```

## Border

The CSS property to change the border of an element to Hex 1E9B4C 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
#1E9B4C }
```

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

```
.border{ border-color:#1E9B4C }
```

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

Here you see how a box with a 4 pixel #1E9B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9B4C; -webkit-box-shadow:4px 4px  
4px 4px #1E9B4C; box-shadow:4px 4px 4px  
4px #1E9B4C }
```

# Background

The CSS property to change the background color of an element to Hex 1E9B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9B4C }
```

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

```
.background{ background-color:#1E9B4C }
```

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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