

# Converting Colors

Hex(1E9F2C)

Have a look what the booklet for  
Hex(1E9F2C) contains.

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# Color

Hex(1E9F2C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9F2C
RGB	30, 159, 44
RGB Percent	12%, 62%, 17%
CMY	0.8824, 0.3765, 0.8275
CMYK	0.81, 0.00, 0.72, 0.38
HSL	127°, 68%, 37%
HSV	127°, 81%, 62%
XYZ	13.3882, 25.2541, 6.5518
YIQ	107.3190, -39.9690, -63.1130

# Conversions

## Conversions Part 2

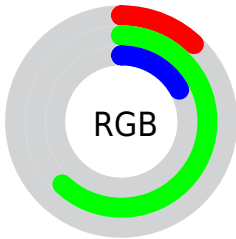
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 146, 159
Decimal	2006828
CIE <sub>Lab</sub>	57.32, -55.89, 48.05
CIE <sub>LCh</sub>	57, 73.702, 139.316
Yxy	25.2541, 0.2962, 0.5588
Android (android.graphics.Color)	4280196908 (0xFF1E9F2C)
YUV	107.3190, -31.2163, -67.8088
Hunter-Lab	50.2535, -40.3889, 27.4475

# Details

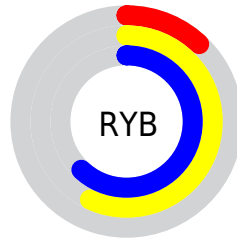
The Hex color **1E9F2C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9F1E91**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **63D760**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **0E9F1E**, and if you desaturate by 10%, it is **2E9F3A**.

# Distribution



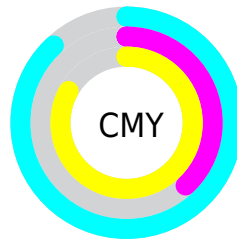
- Red (12%)
- Green (62%)
- Blue (17%)



- Red (12%)
- Yellow (57%)
- Blue (62%)



- Cyan (81%)
- Magenta (0%)
- Yellow (72%)
- Black (38%)



- Cyan (88%)
- Magenta (38%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9F2C 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 1E9F2C by changing the saturation by 10% instead.



 1E9F2C

 1E9F2C

FFFFFF

 00840D

 63D760

 006A00

 81F47B

 005000

 9EFF96

 003800

 BCFFB1

 002100

 DAFFCE

 000000

 F8FFEA

 1E9F2C

 1E9F2C

 0E9F1E

 2E9F3A

■ 009F11

■ 3E9F48

■ 4E9F57

■ 5E9F65

■ 6E9F73

■ 7D9F81

■ 8D9F8F

■ 9D9F9D

■ AD9FAC

# Harmonies

## Analogous

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



7F9300



1E9F2C



00A570

# Triad

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



1E9F2C



0098FF



FA4463

# Complementary

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



1E9F2C



9F1E91

# 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.



F044A4



1E9F2C



4C83FF

# Square

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



1E9F2C



00A3EB



BF63DF



E46126

# Rectangle

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



1E9F2C



00A69D



BF63DF



FA3F78



# Sweetspot

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



1E9F2C



9DCFA2



929F1E



4A694E



E8E8E8



696969



# Same Dimension

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



1E9F2C



06CF1C



1E9F6B



474F48



008F0F



000F02



# Inverse Universe

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



9F1E91



CF06B9



9F1E52



4F474E



8F007F



0F000E



# Previews

## White Background



This preview shows how the Hex color 1E9F2C looks on a white background.

## Color Contrast Check

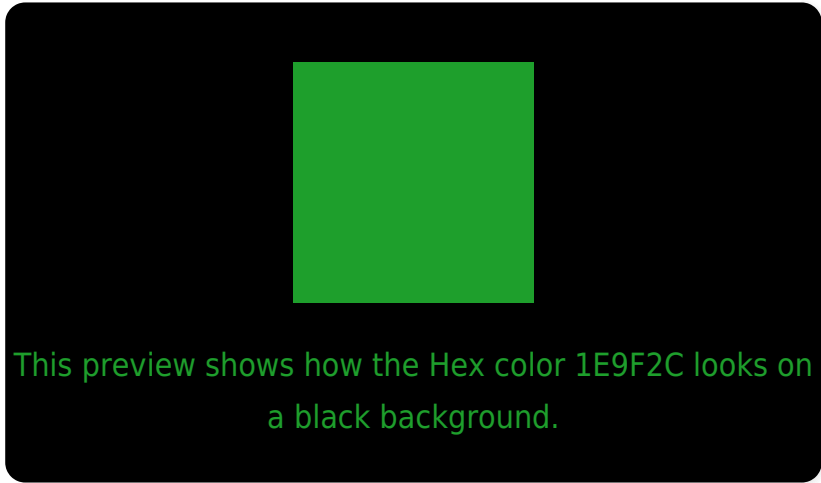
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E9F2C Background



This preview shows how black text looks on a background with the Hex color 1E9F2C.



This preview shows how white text looks on a background with the Hex color 1E9F2C.

# 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**  
1E9F2C

**Protanopia**  
998926

**Deuteranopia**  
AA8237



**Tritanopia**  
4694A0

# Trichromacy



**Original Color**  
1E9F2C



**Protanomaly**  
6C9128



**Deuteranomaly**  
778D33



**Tritanomaly**  
379876

# Monochromacy



**Original Color**  
1E9F2C



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
4F7E54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9F2C 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 #1E9F2C looks like.

```
.text, #text, p{  
    color:#1E9F2C  
}
```

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 #1E9F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9F2C
}
```

## Border

The CSS property to change the border of an element to Hex 1E9F2C 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
#1E9F2C }
```

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

```
.border{ border-color:#1E9F2C }
```

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

Here you see how a box with a 4 pixel #1E9F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9F2C; -webkit-box-shadow:4px 4px  
4px 4px #1E9F2C; box-shadow:4px 4px 4px  
4px #1E9F2C }
```

# Background

The CSS property to change the background color of an element to Hex 1E9F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9F2C }
```

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

```
.background{ background-color:#1E9F2C }
```

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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