

# Converting Colors

Hex(1A8F37)

Have a look what the booklet for  
Hex(1A8F37) contains.

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**Color**

**Hex(1A8F37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A8F37
RGB	26, 143, 55
RGB Percent	10%, 56%, 22%
CMY	0.8980, 0.4392, 0.7843
CMYK	0.82, 0.00, 0.62, 0.44
HSL	135°, 69%, 33%
HSV	135°, 82%, 56%
XYZ	10.9381, 20.1404, 6.9254
YIQ	97.9850, -41.4840, -52.1720

# Conversions

## Conversions Part 2

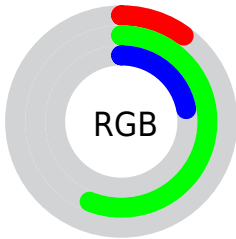
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 120, 143
Decimal	1740599
CIE <sub>Lab</sub>	52.00, -49.88, 37.40
CIE <sub>LCh</sub>	52, 62.344, 143.138
Y <sub>xy</sub>	20.1404, 0.2878, 0.5300
Android (android.graphics.Color)	4279930679 (0xFF1A8F37)
YUV	97.9850, -21.1916, -63.1308
Hunter-Lab	44.8780, -35.0310, 22.2652

# Details

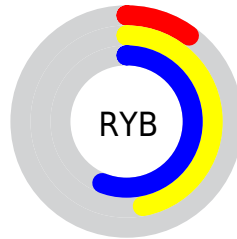
The Hex color **1A8F37** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F1A72**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5DC669**, and **005B02** is the 20% darker color. If you saturate the color by 10%, you get **0C8F2C**, and if you desaturate by 10%, it is **288F42**.

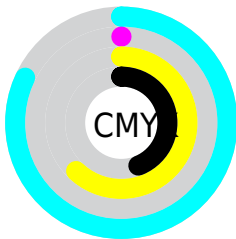
# Distribution



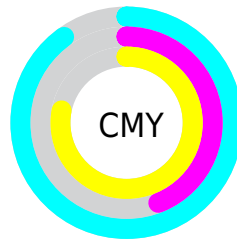
- Red (10%)
- Green (56%)
- Blue (22%)



- Red (10%)
- Yellow (47%)
- Blue (56%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A8F37 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 1A8F37 by changing the saturation by 10% instead.





1A8F37



1A8F37

FFFFFF



00751E



5DC669



005B02



79E283



004200



96FF9E



002D00



B3FFB9



000D00



D0FFD5



000000



EEFF2



1A8F37



1A8F37



0C8F2C



288F42

■ 008F23

■ 378F4D

■ 458F57

■ 538F62

■ 618F6D

■ 708F78

■ 7E8F82

■ 8C8F8D

■ 9B8F98

# Harmonies

## Analogous

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



6D8500



1A8F37



00946E

# Triad

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



1A8F37



0086E7



D94855

# Complementary

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



1A8F37



8F1A72

# 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.



D4458B



1A8F37



6173DF

# Square

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



1A8F37



0090D1



B05ABD



C55F25

# Rectangle

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



1A8F37



009493



B05ABD



DB4467



# Sweetspot

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



1A8F37



8CBA97



748F1A



425E49



DEDEDE



5E5E5E



# Same Dimension

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



1A8F37



04BA31



1A8F70



404742



008721



000802



# Inverse Universe

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



8F1A72



BA048D



8F1A39



474046



870066



080006



# Previews

## White Background



This preview shows how the Hex color 1A8F37 looks on a white background.

## Color Contrast Check

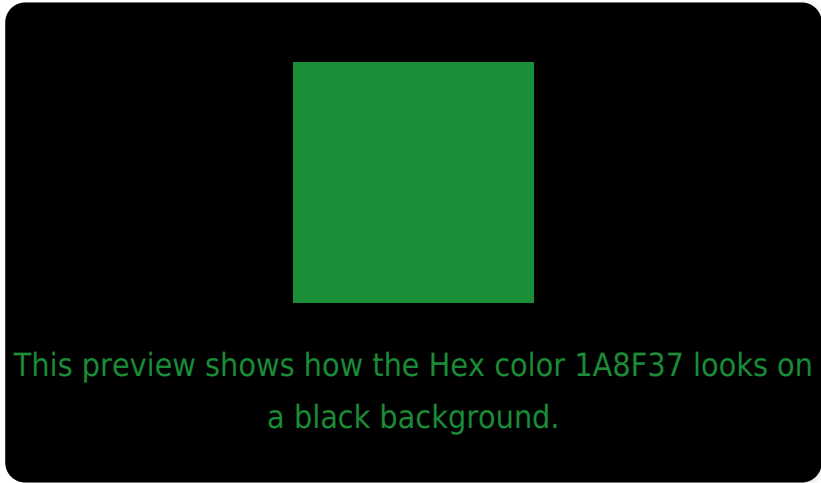
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A8F37 Background



This preview shows how black text looks on a background with the Hex color 1A8F37.



This preview shows how white text looks on a background with the Hex color 1A8F37.

# 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**  
3E8691

# Trichromacy



**Original Color**  
1A8F37



**Protanomaly**  
618233



**Deuteranomaly**  
6A7E3C



**Tritanomaly**  
318970

# Monochromacy



**Original Color**  
1A8F37



**Achromatopsia**  
626262



**Achromatomaly**  
487252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A8F37 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 #1A8F37 looks like.

```
.text, #text, p{  
    color:#1A8F37  
}
```

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 #1A8F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8F37
}
```

## Border

The CSS property to change the border of an element to Hex 1A8F37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

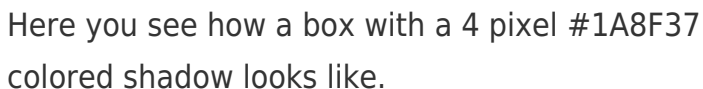
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A8F37 }
```

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

```
.border{ border-color:#1A8F37 }
```

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



Here you see how a box with a 4 pixel #1A8F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8F37; -webkit-box-shadow:4px 4px  
4px 4px #1A8F37; box-shadow:4px 4px 4px  
4px #1A8F37 }
```

# Background

The CSS property to change the background color of an element to Hex 1A8F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8F37 }
```

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

```
.background{ background-color:#1A8F37 }
```

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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