

Converting Colors

Hex(1A9338)

Have a look what the booklet for
Hex(1A9338) contains.

Hex(1A9338)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A9338)

Conversions

Conversions Part 1

Format	Color
Hex	1A9338
RGB	26, 147, 56
RGB Percent	10%, 58%, 22%
CMY	0.8980, 0.4235, 0.7804
CMYK	0.82, 0.00, 0.62, 0.42
HSL	135°, 70%, 34%
HSV	135°, 82%, 58%
XYZ	11.5735, 21.3726, 7.2567
YIQ	100.4470, -42.9050, -53.9530

Conversions

Conversions Part 2

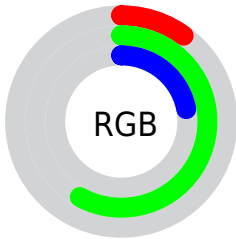
Format	Color
R_{YB}	26, 123, 147
Decimal	1741624
CIE _{Lab}	53.35, -51.12, 38.49
CIE _{LCh}	53, 63.988, 143.022
Yxy	21.3726, 0.2879, 0.5316
Android (android.graphics.Color)	4279931704 (0xFF1A9338)
YUV	100.4470, -21.9124, -65.2900
Hunter-Lab	46.2305, -36.2169, 23.0547

Details

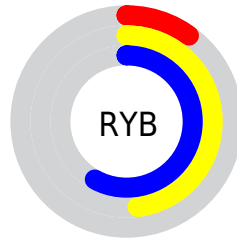
The Hex color **1A9338** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **931A75**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5ECA6A**, and **005F02** is the 20% darker color. If you saturate the color by 10%, you get **0B932D**, and if you desaturate by 10%, it is **299343**.

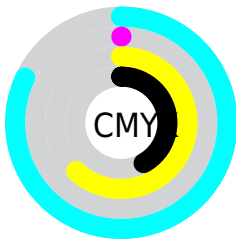
Distribution



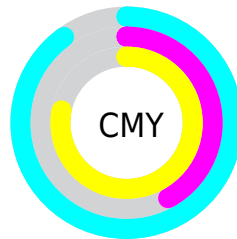
- Red (10%)
- Green (58%)
- Blue (22%)



- Red (10%)
- Yellow (48%)
- Blue (58%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)
- Black (42%)



- Cyan (90%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A9338 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 1A9338 by changing the saturation by 10% instead.



1A9338



1A9338

FFFFFF



00791F



5ECA6A



005F02



7BE784



004600



97FF9F



002F00



B4FFBA



001400



D2FFD7



000000



FFFFFF3



1A9338



1A9338



0B932D



299343

009324

37934E

469359

559364

63936F

72937A

819385

909390

9E939B

Harmonies

Analogous

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



708900



1A9338



009870

Triad

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



1A9338



008AED



E04A58

Complementary

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



1A9338



931A75

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.



DA468F



1A9338



6376E6

Square

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



1A9338



0095D7



B55CC3



CB6125

Rectangle

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



1A9338



009997



B55CC3



E1456A

Sweetspot

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



1A9338



8FBF9B



77931A



44614B



E0E0E0



616161

Same Dimension

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



1A9338



02BF31



1A9373



434A44



008A22



000A03

Inverse Universe

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



931A75



BF0290



931A3A



4A4348



8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 1A9338 looks on a white background.

Color Contrast Check

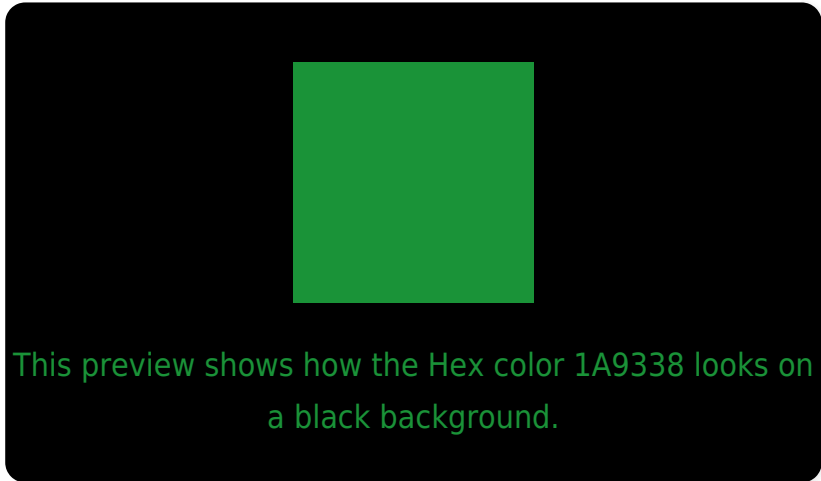
Large Text (above 18pt) WCAG AA ✓ Pass

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 1A9338 Background



This preview shows how black text looks on a background with the Hex color 1A9338.



This preview shows how white text looks on a background with the Hex color 1A9338.

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](#).

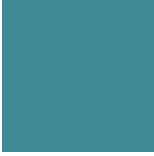
Dichromacy



Original Color
1A9338

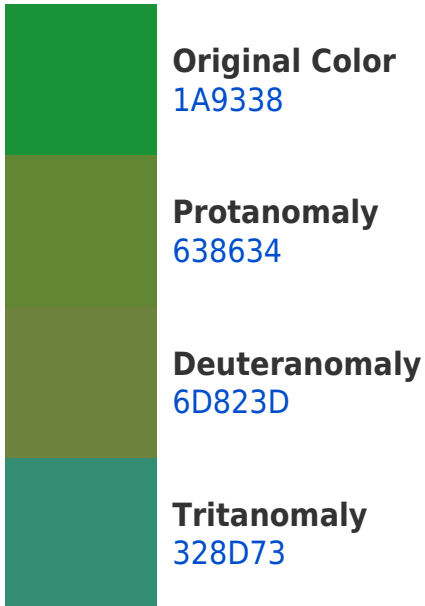
Protanopia
8D7F32

Deuteranopia
9C7940

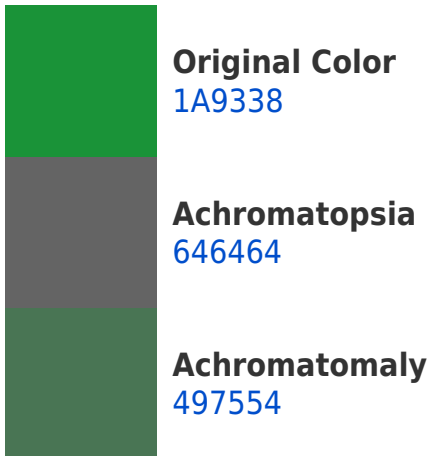


Tritanopia
3F8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A9338 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 #1A9338 looks like.

```
.text, #text, p{  
    color:#1A9338  
}
```

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 #1A9338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9338
}
```

Border

The CSS property to change the border of an element to Hex 1A9338 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
#1A9338 }
```

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

```
.border{ border-color:#1A9338 }
```

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

Here you see how a box with a 4 pixel #1A9338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9338; -webkit-box-shadow:4px 4px  
4px 4px #1A9338; box-shadow:4px 4px 4px  
4px #1A9338 }
```

Background

The CSS property to change the background color of an element to Hex 1A9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9338 }
```

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

```
.background{ background-color:#1A9338 }
```

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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