

# Converting Colors

Hex(1AA130)

Have a look what the booklet for  
Hex(1AA130) contains.

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# Color

Hex(1AA130)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AA130
RGB	26, 161, 48
RGB Percent	10%, 63%, 19%
CMY	0.8980, 0.3686, 0.8118
CMYK	0.84, 0.00, 0.70, 0.37
HSL	130°, 72%, 37%
HSV	130°, 84%, 63%
XYZ	13.7044, 25.9228, 7.0776
YIQ	107.7530, -44.1870, -63.7630

# Conversions

## Conversions Part 2

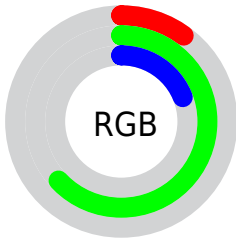
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 142, 161
Decimal	1745200
CIE Lab	57.96, -56.62, 47.11
CIE LCh	58, 73.657, 140.240
Yxy	25.9228, 0.2934, 0.5550
Android (android.graphics.Color)	4279935280 (0xFF1AA130)
YUV	107.7530, -29.4582, -71.6974
Hunter-Lab	50.9144, -41.0542, 27.3982

# Details

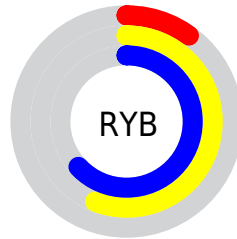
The Hex color **1AA130** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A11A8B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **62D964**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **0AA123**, and if you desaturate by 10%, it is **2AA13D**.

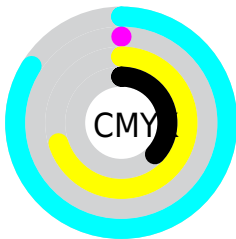
# Distribution



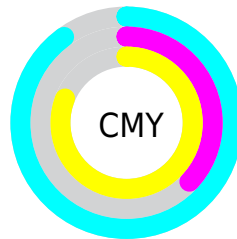
- Red (10%)
- Green (63%)
- Blue (19%)



- Red (10%)
- Yellow (56%)
- Blue (63%)



- Cyan (84%)
- Magenta (0%)
- Yellow (70%)
- Black (37%)



- Cyan (90%)
- Magenta (37%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AA130 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 1AA130 by changing the saturation by 10% instead.



 1AA130

 1AA130

FFFFFF

 008613

 62D964

 006C00

 80F67F

 005200

 9DFF9A

 003A00

 BBFFB5

 002300

 D9FFD1

 000000

 F7FFEE

 1AA130

 1AA130

 0AA123

 2AA13D

■ 00A11A

■ 3AA14B

■ 4AA158

■ 5AA166

■ 6AA173

■ 7BA181

■ 8BA18E

■ 9BA19C

■ ABA1A9

# Harmonies

## Analogous

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



7E9500



1AA130



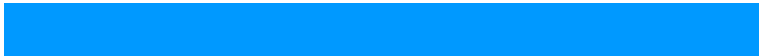
00A773

# Triad

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



1AA130



0099FF



FB4763

# Complementary

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



1AA130



A11A8B

# 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.



F345A3



1AA130



5583FF

# Square

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



1AA130



00A5EE



C364DF



E56426

# Rectangle

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



1AA130



00A8A0



C364DF



FC4178



# Sweetspot

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



1AA130



9DD1A5



8DA11A



49694E



E8E8E8



696969



# Same Dimension

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



1AA130



00D122



1AA172



49524B



009118



001203



# Inverse Universe

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



A11A8B



D100AF



A11A49



524950



91007A



12000F



# Previews

## White Background



This preview shows how the Hex color 1AA130 looks on a white background.

## Color Contrast Check

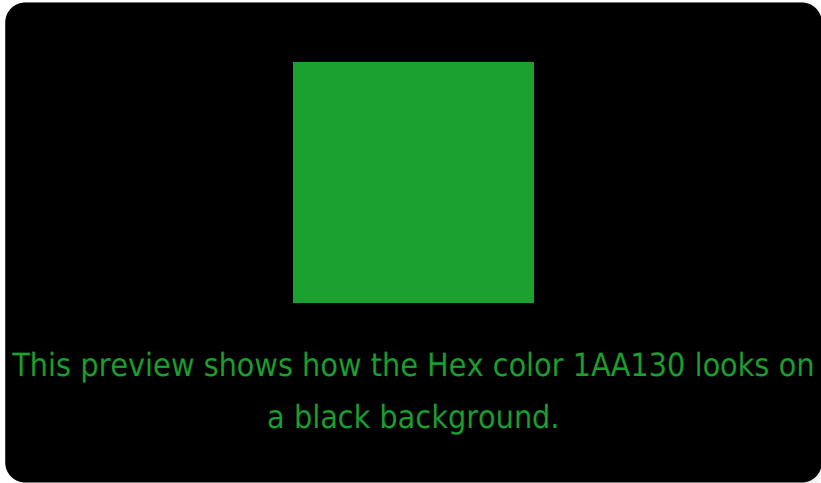
Large Text (above 18pt) WCAG AA ✓ Pass

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 1AA130 Background



This preview shows how black text looks on a background with the Hex color 1AA130.



This preview shows how white text looks on a background with the Hex color 1AA130.

# 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**  
1AA130

**Protanopia**  
9B8B2A

**Deuteranopia**  
AC833A



**Tritanopia**  
4596A3

# Trichromacy



**Original Color**

1AA130



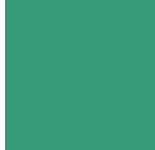
**Protanomaly**

6C932C



**Deuteranomaly**

778E36



**Tritanomaly**

359A79

# Monochromacy



**Original Color**

1AA130



**Achromatopsia**

6C6C6C



**Achromatomaly**

4E7F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AA130 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 #1AA130 looks like.

```
.text, #text, p{  
    color:#1AA130  
}
```

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 #1AA130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA130
}
```

## Border

The CSS property to change the border of an element to Hex 1AA130 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
#1AA130 }
```

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

```
.border{ border-color:#1AA130 }
```

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

Here you see how a box with a 4 pixel #1AA130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA130; -webkit-box-shadow:4px 4px  
4px 4px #1AA130; box-shadow:4px 4px 4px  
4px #1AA130 }
```

# Background

The CSS property to change the background color of an element to Hex 1AA130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA130 }
```

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

```
.background{ background-color:#1AA130 }
```

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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