

# Converting Colors

Hex(1AA24E)

Have a look what the booklet for  
Hex(1AA24E) contains.

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# Color

Hex(1AA24E)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AA24E
RGB	26, 162, 78
RGB Percent	10%, 64%, 31%
CMY	0.8980, 0.3647, 0.6941
CMYK	0.84, 0.00, 0.52, 0.36
HSL	143°, 72%, 37%
HSV	143°, 84%, 64%
XYZ	14.7215, 26.6103, 11.5681
YIQ	111.7600, -54.0920, -54.9560

# Conversions

## Conversions Part 2

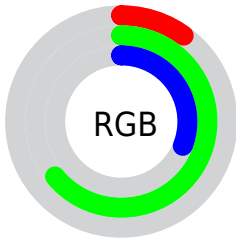
Format	Color
RYP	26, 124, 162
Decimal	1745486
CIELab	58.61, -53.08, 33.92
CIElCh	59, 62.994, 147.425
Yxy	26.6103, 0.2783, 0.5030
Android (android.graphics.Color)	4279935566 (0xFF1AA24E)
YUV	111.7600, -16.6437, -75.2115
Hunter-Lab	51.5852, -39.3335, 22.8137

# Details

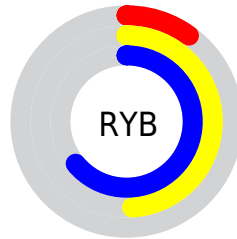
The Hex color **1AA24E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A21A6E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61DA81**, and **006D1E** is the 20% darker color. If you saturate the color by 10%, you get **0AA244**, and if you desaturate by 10%, it is **2AA258**.

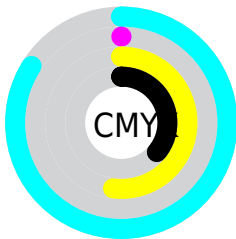
# Distribution



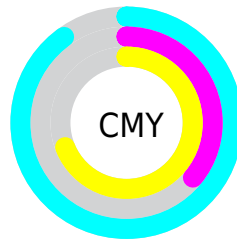
- Red (10%)
- Green (64%)
- Blue (31%)



- Red (10%)
- Yellow (49%)
- Blue (64%)



- Cyan (84%)
- Magenta (0%)
- Yellow (52%)
- Black (36%)



- Cyan (90%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AA24E 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 1AA24E by changing the saturation by 10% instead.



 1AA24E

 1AA24E

FFFFFF

 008736

 61DA81

 006D1E

 7FF79B

 005303

 9CFFB6

 003B00

 B9FFD2

 002400

 D7FFE9

 000000

 F5FFFF

 1AA24E

 1AA24E

 0AA244

 2AA258

■ 00A23E

■ 3AA262

■ 4BA26C

■ 5BA276

■ 6BA280

■ 7BA28A

■ 8BA294

■ 9CA29E

■ ACA2A8

# Harmonies

## Analogous

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



76991C



1AA24E



00A686

# Triad

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



1AA24E



0095FC



ED5D5E

# Complementary

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



1AA24E



A21A6E

# 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.



EC5694



1AA24E



8380F0

# Square

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



1AA24E



00A1EA



CB67C9



D6732E

# Rectangle

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



1AA24E



00A7AC



CB67C9



F0586F



# Sweetspot

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



1AA24E



9FD4B3



70A21A



4B6B57



EBEBEB



6B6B6B



# Same Dimension

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



1AA24E



00D451



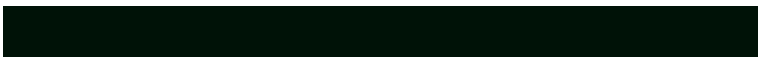
1AA290



49524D



009138



001207



# Inverse Universe

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



A21A6E



D40083



A21A2C



52494E



91005A



12000B



# Previews

## White Background



This preview shows how the Hex color 1AA24E looks on a white background.

## Color Contrast Check

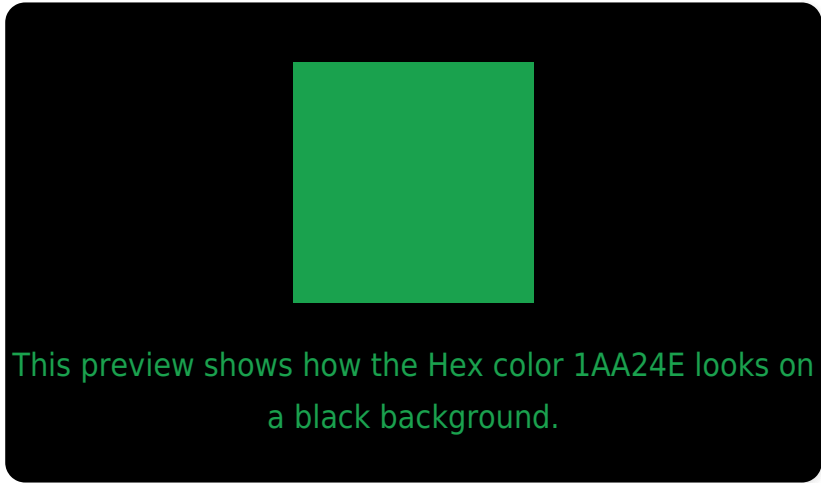
Large Text (above 18pt) WCAG AA ✓ Pass

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 1AA24E Background



This preview shows how black text looks on a background with the Hex color 1AA24E.



This preview shows how white text looks on a background with the Hex color 1AA24E.

# 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**  
1AA24E

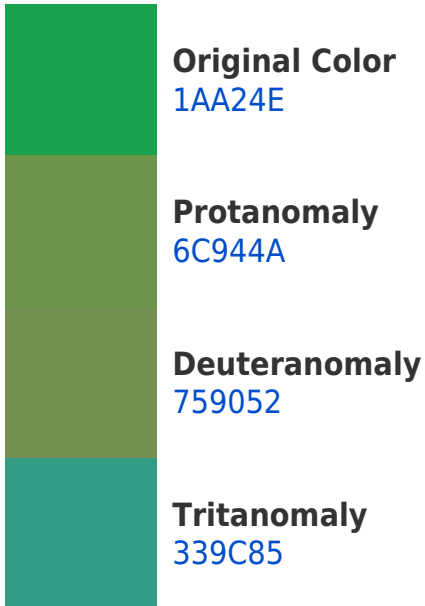
**Protanopia**  
9B8C47

**Deuteranopia**  
A98655

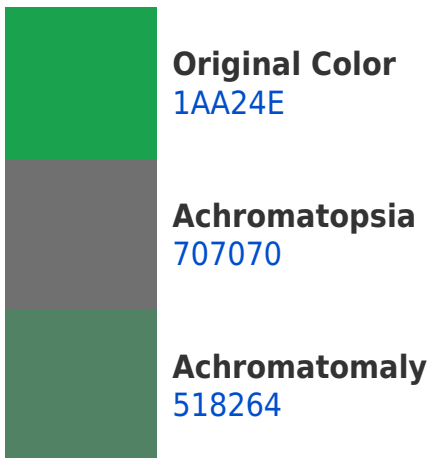


**Tritanopia**  
4299A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AA24E 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 #1AA24E looks like.

```
.text, #text, p{  
    color:#1AA24E  
}
```

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 #1AA24E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA24E
}
```

## Border

The CSS property to change the border of an element to Hex 1AA24E 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
#1AA24E }
```

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

```
.border{ border-color:#1AA24E }
```

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

Here you see how a box with a 4 pixel #1AA24E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA24E; -webkit-box-shadow:4px 4px  
4px 4px #1AA24E; box-shadow:4px 4px 4px  
4px #1AA24E }
```

# Background

The CSS property to change the background color of an element to Hex 1AA24E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA24E }
```

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

```
.background{ background-color:#1AA24E }
```

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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