

# Converting Colors

Hex(1DAE21)

Have a look what the booklet for  
Hex(1DAE21) contains.

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# Color

Hex(1DAE21)

# Conversions

## Conversions Part 1

Format	Color
Hex	1DAE21
RGB	29, 174, 33
RGB Percent	11%, 68%, 13%
CMY	0.8863, 0.3176, 0.8706
CMYK	0.83, 0.00, 0.81, 0.32
HSL	122°, 71%, 40%
HSV	122°, 83%, 68%
XYZ	15.9173, 30.6431, 6.5146
YIQ	114.5710, -41.1590, -74.5910

# Conversions

## Conversions Part 2

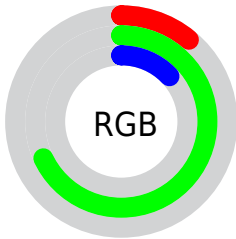
Format	Color
<a href="#">RYB</a>	<a href="#">29, 170, 174</a>
Decimal	<a href="#">1945121</a>
CIELab	<a href="#">62.21, -61.49, 56.61</a>
CIELCh	<a href="#">62, 83.583, 137.365</a>
Yxy	<a href="#">30.6431, 0.2999, 0.5774</a>
Android (android.graphics.Color)	<a href="#">4280135201 (0xFF1DAE21)</a>
YUV	<a href="#">114.5710, -40.2145, -75.0458</a>
Hunter-Lab	<a href="#">55.3562, -45.5471, 31.7718</a>

# Details

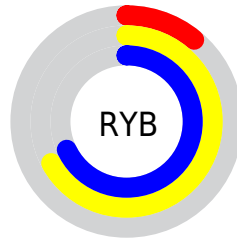
The Hex color **1DAE21** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE1DAA**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **68E75A**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **0CAE10**, and if you desaturate by 10%, it is **2EAE32**.

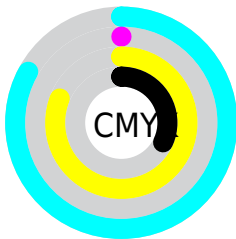
# Distribution



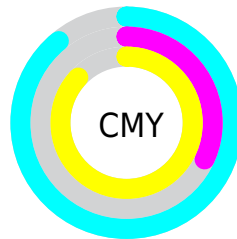
- Red (11%)
- Green (68%)
- Blue (13%)



- Red (11%)
- Yellow (67%)
- Blue (68%)



- Cyan (83%)
- Magenta (0%)
- Yellow (81%)
- Black (32%)



- Cyan (89%)
- Magenta (32%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DAE21 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 1DAE21 by changing the saturation by 10% instead.





1DAE21



1DAE21

FFFFFF



009300



68E75A



007800



86FF75



005E00



A4FF90



004500



C2FFAC



002E00



E1FFC9



000E00



FFFFE6



000000



1DAE21



1DAE21



0CAE10



2EAE32

■ 00AE05

■ 40AE43

■ 51AE54

■ 63AE65

■ 74AE76

■ 85AE87

■ 97AE97

■ A8AEA8

■ BAAEB9

# Harmonies

## Analogous

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



8DA000



1DAE21



00B573

# Triad

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



1DAE21



00A8FF



FF3E6F

# Complementary

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



1DAE21



AE1DAA

# 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.



FF42B9



1DAE21



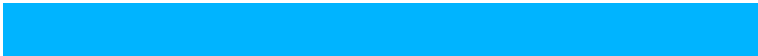
2E91FF

# Square

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



1DAE21



00B4FF



CD6BFC



FF6427

# Rectangle

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



1DAE21



00B7A7



CD6BFC



FF3887



# Sweetspot

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



1DAE21



AAE3AC



ACAE1D



507351



F2F2F2



737373



# Same Dimension

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



1DAE21



00E306



1DAE68



4E574E



009604



001701



# Inverse Universe

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



AE1DAA



E300DD



AE1D63



574E56



960092

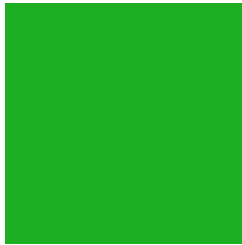


170016



# Previews

## White Background



This preview shows how the Hex color 1DAE21 looks on a white background.

## Color Contrast Check

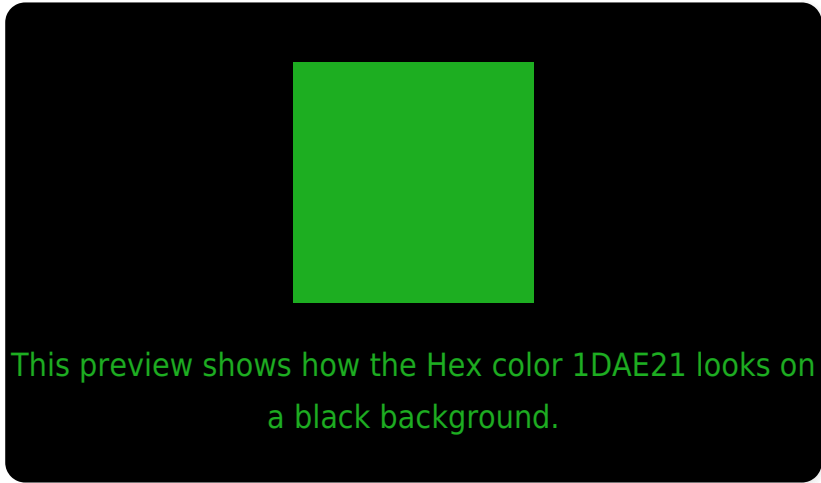
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1DAE21 Background



This preview shows how black text looks on a background with the Hex color 1DAE21.

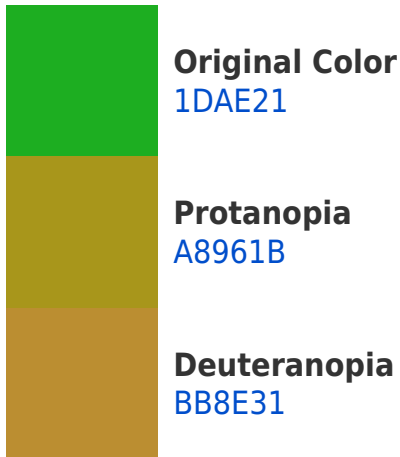


This preview shows how white text looks on a background with the Hex color 1DAE21.

# 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](#).

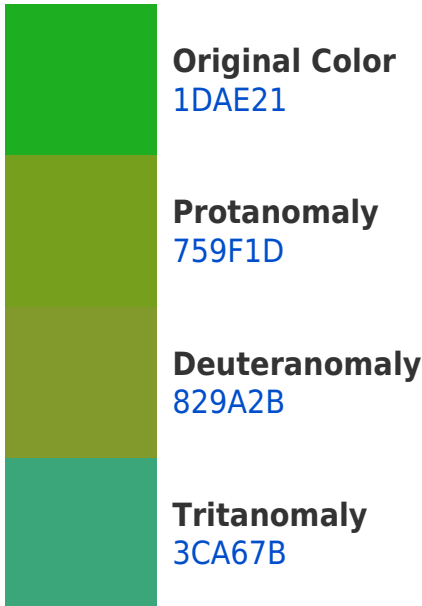
## Dichromacy





**Tritanopia**  
4DA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DAE21 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 #1DAE21 looks like.

```
.text, #text, p{  
    color:#1DAE21  
}
```

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 #1DAE21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DAE21
}
```

## Border

The CSS property to change the border of an element to Hex 1DAE21 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
#1DAE21 }
```

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

```
.border{ border-color:#1DAE21 }
```

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

Here you see how a box with a 4 pixel #1DAE21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DAE21; -webkit-box-shadow:4px 4px  
4px 4px #1DAE21; box-shadow:4px 4px 4px  
4px #1DAE21 }
```

# Background

The CSS property to change the background color of an element to Hex 1DAE21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DAE21 }
```

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

```
.background{ background-color:#1DAE21 }
```

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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