

Converting Colors

Hex(1AD259)

Have a look what the booklet for
Hex(1AD259) contains.

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Color

Hex(1AD259)

Conversions

Conversions Part 1

Format	Color
Hex	1AD259
RGB	26, 210, 89
RGB Percent	10%, 82%, 35%
CMY	0.8980, 0.1765, 0.6510
CMYK	0.88, 0.00, 0.58, 0.18
HSL	141°, 78%, 46%
HSV	141°, 88%, 82%
XYZ	25.2758, 47.0341, 17.1975
YIQ	141.1900, -70.8230, -76.6390

Conversions

Conversions Part 2

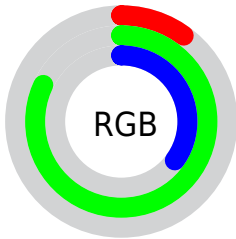
Format	Color
RYB	26, 163, 210
Decimal	1757785
CIELab	74.21, -67.31, 47.43
CIELCh	74, 82.341, 144.831
Yxy	47.0341, 0.2824, 0.5255
Android (android.graphics.Color)	4279947865 (0xFF1AD259)
YUV	141.1900, -25.7297, -101.0216
Hunter-Lab	68.5814, -54.2310, 33.1394

Details

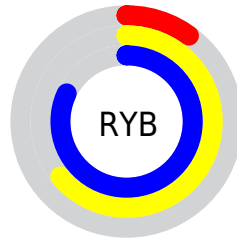
The Hex color **1AD259** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **D21A93**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6EFF8E**, and **009A24** is the 20% darker color. If you saturate the color by 10%, you get **05D24B**, and if you desaturate by 10%, it is **2FD267**.

Distribution



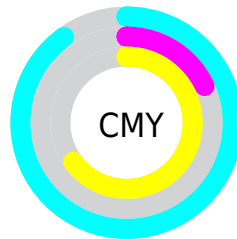
- Red (10%)
- Green (82%)
- Blue (35%)



- Red (10%)
- Yellow (64%)
- Blue (82%)



- Cyan (88%)
- Magenta (0%)
- Yellow (58%)
- Black (18%)



- Cyan (90%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AD259 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 1AD259 by changing the saturation by 10% instead.

 1AD259

 1AD259

FFFFFF

 00B63F

 6EFF8E

 009A24

 8EFA9

 007F01

 ADFFC5

 006400

 CCFFE2

 004A00

 EBFFFF

 003300

 001700

 000000

 1AD259

 1AD259

■ 05D24B

■ 2FD267

■ 00D248

■ 44D275

■ 59D282

■ 6ED290

■ 83D29E

■ 98D2AC

■ ADD2BA

■ C2D2C7

■ D7D2D5

Harmonies

Analogous

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



9DC500



1AD259



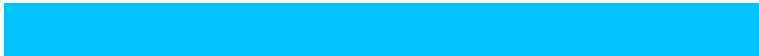
00D8A6

Triad

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



1AD259



00C4FF



FF6F7C

Complementary

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



1AD259



D21A93

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.



FF68C7



1AD259



99A8FF

Square

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



1AD259



00D3FF



FF84FF



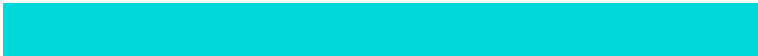
FF8F37

Rectangle

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



1AD259



00D9DB



FF84FF



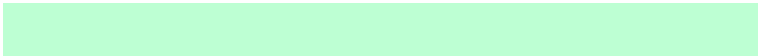
FF6894

Sweetspot

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



1AD259



BDFFD3



95D21A



588066



000000



808080

Same Dimension

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



1AD259



00FF57



1AD2B3



5E6962



00A83A



00290E

Inverse Universe

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



D21A93



FF00A8



D21A39



695E65



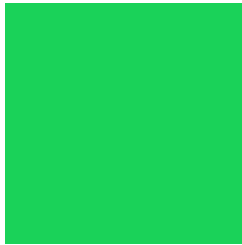
A8006F



29001B

Previews

White Background



This preview shows how the Hex color 1AD259 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



This preview shows how the Hex color 1AD259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

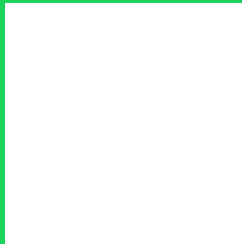
Any Text WCAG AAA ✓ Pass

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

Hex 1AD259 Background



This preview shows how black text looks on a background with the Hex color 1AD259.

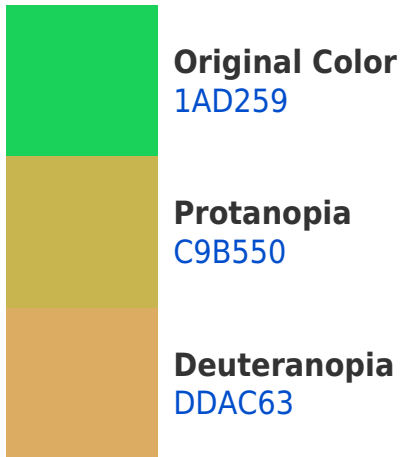


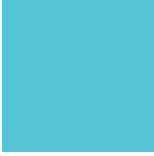
This preview shows how white text looks on a background with the Hex color 1AD259.

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](#).

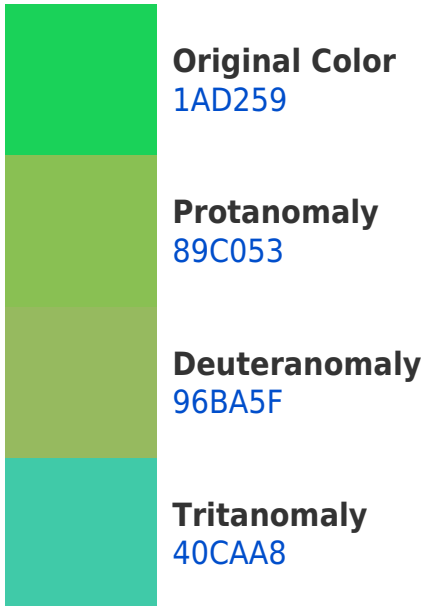
Dichromacy



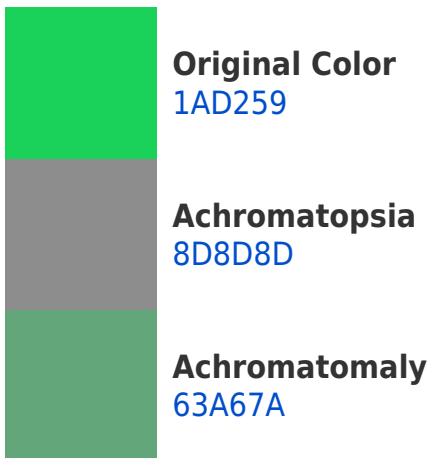


Tritanopia
56C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1AD259 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 #1AD259 looks like.

```
.text, #text, p{  
    color:#1AD259  
}
```

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 #1AD259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AD259
}
```

Border

The CSS property to change the border of an element to Hex 1AD259 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
#1AD259 }
```

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

```
.border{ border-color:#1AD259 }
```

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

Here you see how a box with a 4 pixel #1AD259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AD259; -webkit-box-shadow:4px 4px  
4px 4px #1AD259; box-shadow:4px 4px 4px  
4px #1AD259 }
```

Background

The CSS property to change the background color of an element to Hex 1AD259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AD259 }
```

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

```
.background{ background-color:#1AD259 }
```

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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