

Converting Colors

Hex(1DAF2A)

Have a look what the booklet for
Hex(1DAF2A) contains.

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Color

Hex(1DAF2A)

Conversions

Conversions Part 1

Format	Color
Hex	1DAF2A
RGB	29, 175, 42
RGB Percent	11%, 69%, 16%
CMY	0.8863, 0.3137, 0.8353
CMYK	0.83, 0.00, 0.76, 0.31
HSL	125°, 72%, 40%
HSV	125°, 83%, 69%
XYZ	16.2546, 31.0883, 7.3344
YIQ	116.1840, -44.3230, -72.3150

Conversions

Conversions Part 2

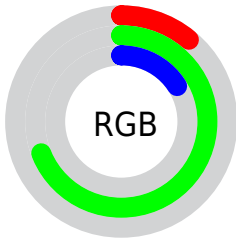
Format	Color
RYB	29, 163, 175
Decimal	1945386
CIELab	62.58, -61.18, 54.11
CIELCh	63, 81.677, 138.510
Yxy	31.0883, 0.2973, 0.5686
Android (android.graphics.Color)	4280135466 (0xFF1DAF2A)
YUV	116.1840, -36.5727, -76.4604
Hunter-Lab	55.7569, -45.5372, 31.2306

Details

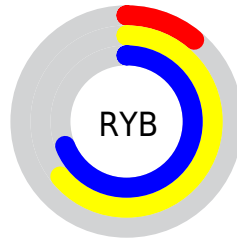
The Hex color **1DAF2A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AF1DA2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **67E861**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **0CAF1A**, and if you desaturate by 10%, it is **2FAF3A**.

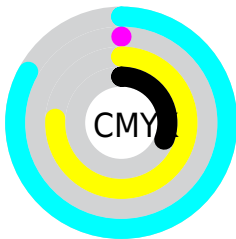
Distribution



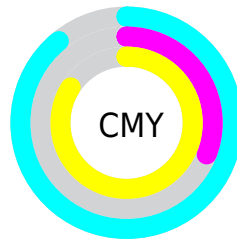
- Red (11%)
- Green (69%)
- Blue (16%)



- Red (11%)
- Yellow (64%)
- Blue (69%)



- Cyan (83%)
- Magenta (0%)
- Yellow (76%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DAF2A 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 1DAF2A by changing the saturation by 10% instead.

 1DAF2A

 1DAF2A

FFFFFF

 009404

 67E861

 007900

 86FF7C

 005F00

 A4FF97

 004600

 C2FFB3

 002F00

 E0FFCF

 001000

 FFFFEC

 000000

 1DAF2A

 1DAF2A

 0CAF1A

 2FAF3A

■ 00AF10

■ 40AF4A

■ 52AF5A

■ 63AF6A

■ 75AF7A

■ 86AF8A

■ 98AF9A

■ A9AFAA

■ BBAFB9

Harmonies

Analogous

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



8CA100



1DAF2A



00B678

Triad

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



1DAF2A



00A8FF



FF456E

Complementary

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



1DAF2A



AF1DA2

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.



FF46B6



1DAF2A



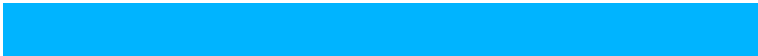
4690FF

Square

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



1DAF2A



00B4FF



D16CF9



FE6828

Rectangle

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



1DAF2A



00B7AB



D16CF9



FF3F86

Sweetspot

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



1DAF2A



AAE3AF



A3AF1D



507353



F2F2F2



737373

Same Dimension

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



1DAF2A



00E314



1DAF72



4E574F



00960D



001702

Inverse Universe

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



AF1DA2



E300CF



AF1D5A



574E56



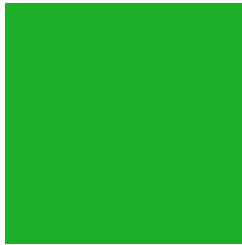
960089



170015

Previews

White Background



This preview shows how the Hex color 1DAF2A looks on a white background.

Color Contrast Check

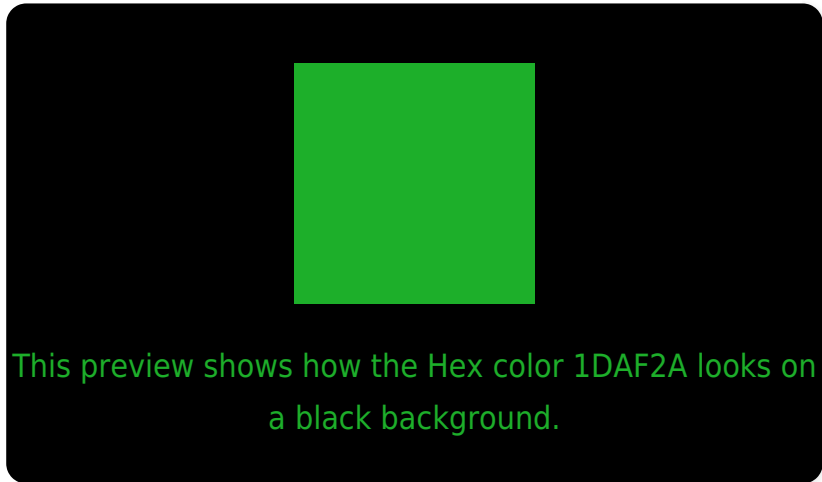
Large Text (above 18pt) WCAG AA × Fail

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 1DAF2A Background



This preview shows how black text looks on a background with the Hex color 1DAF2A.

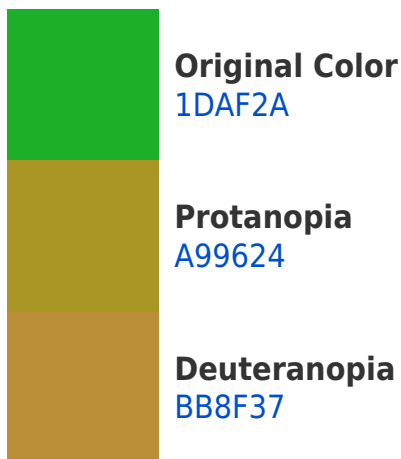


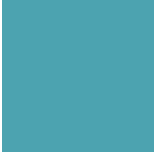
This preview shows how white text looks on a background with the Hex color 1DAF2A.

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
4CA3B0

Trichromacy



Original Color
1DAF2A



Protanomaly
769F26



Deuteranomaly
829B32



Tritanomaly
3BA77F

Monochromacy



Original Color
1DAF2A



Achromatopsia
747474



Achromatomaly
548959

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DAF2A 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 #1DAF2A looks like.

```
.text, #text, p{  
    color:#1DAF2A  
}
```

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 #1DAF2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DAF2A
}
```

Border

The CSS property to change the border of an element to Hex 1DAF2A 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
#1DAF2A }
```

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

```
.border{ border-color:#1DAF2A }
```

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

Here you see how a box with a 4 pixel #1DAF2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DAF2A; -webkit-box-shadow:4px 4px  
4px 4px #1DAF2A; box-shadow:4px 4px 4px  
4px #1DAF2A }
```

Background

The CSS property to change the background color of an element to Hex 1DAF2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DAF2A }
```

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

```
.background{ background-color:#1DAF2A }
```

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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