

Converting Colors

Hex(1DDA6B)

Have a look what the booklet for
Hex(1DDA6B) contains.

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Color

Hex(1DDA6B)

Conversions

Conversions Part 1

Format	Color
Hex	1DDA6B
RGB	29, 218, 107
RGB Percent	11%, 85%, 42%
CMY	0.8863, 0.1451, 0.5804
CMYK	0.87, 0.00, 0.51, 0.15
HSL	145°, 77%, 48%
HSV	145°, 87%, 85%
XYZ	28.2319, 51.4656, 22.3558
YIQ	148.8350, -77.0130, -74.5890

Conversions

Conversions Part 2

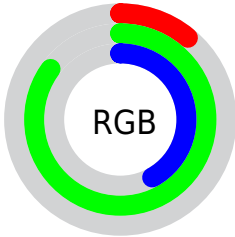
Format	Color
RYB	29, 163, 218
Decimal	1956459
CIELab	76.96, -67.08, 42.29
CIELCh	77, 79.298, 147.773
Yxy	51.4656, 0.2766, 0.5043
Android (android.graphics.Color)	4280146539 (0xFF1DDA6B)
YUV	148.8350, -20.6247, -105.0953
Hunter-Lab	71.7395, -55.2983, 31.7414

Details

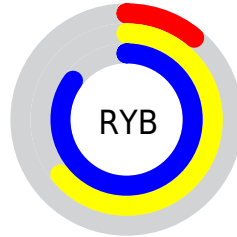
The Hex color **1DDA6B** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DA1D8C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **70FFA0**, and **00A138** is the 20% darker color. If you saturate the color by 10%, you get **07DA5E**, and if you desaturate by 10%, it is **33DA78**.

Distribution



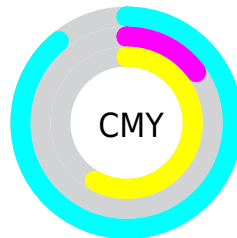
- Red (11%)
- Green (85%)
- Blue (42%)



- Red (11%)
- Yellow (64%)
- Blue (85%)



- Cyan (87%)
- Magenta (0%)
- Yellow (51%)
- Black (15%)



- Cyan (89%)
- Magenta (15%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DDA6B 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 1DDA6B by changing the saturation by 10% instead.

 1DDA6B

 1DDA6B

FFFFFF

 00BD51

 70FFA0

 00A138

 91FFBC

 00861E

 B0FFD8

 006B00

 CFFFF5

 005100

 EEEFFF

 003900

 002000

 000000

 1DDA6B

 1DDA6B

07DA5E

33DA78

00DA5A

49DA85

5EDA91

74DA9E

8ADAAB

A0DAB8

B6DAC5

CBDAD1

E1DADE

Harmonies

Analogous

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



9FCE27



1DDA6B



00E0B6

Triad

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



1DDA6B



00C8FF



FF7E7E

Complementary

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



1DDA6B



DA1D8C

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.



FF74C7



1DDA6B



B2ADFF

Square

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



1DDA6B



00D9FF



FF8BFF



FF9B3E

Rectangle

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



1DDA6B



00E0E9



FF8BFF



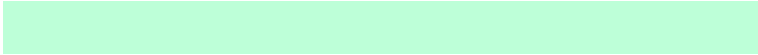
FF7796

Sweetspot

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



1DDA6B



BDFFD8



8EDA1D



588068



000000



808080

Same Dimension

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



1DDA6B



00FF69



1DDAC7



636E67



00AD48



002E13

Inverse Universe

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



DA1D8C



FF0096



DA1D30



6E6369



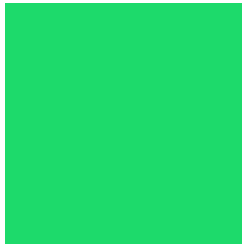
AD0066



2E001B

Previews

White Background



This preview shows how the Hex color 1DDA6B looks on a white background.

Color Contrast Check

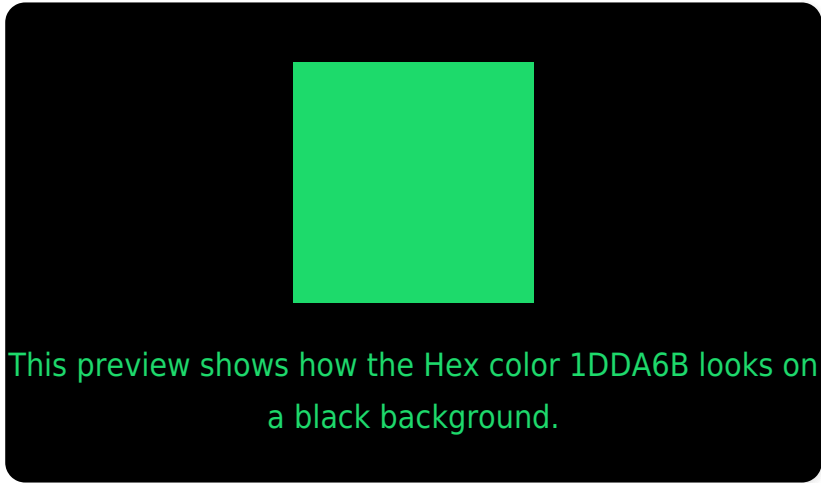
Large Text (above 18pt) WCAG AA × Fail

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

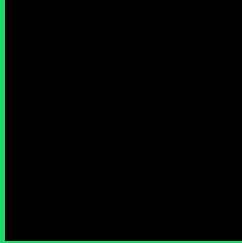
Any Text WCAG AA ✓ Pass

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 1DDA6B Background



This preview shows how black text looks on a background with the Hex color 1DDA6B.

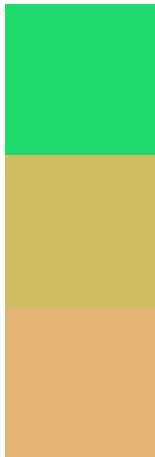


This preview shows how white text looks on a background with the Hex color 1DDA6B.

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](#).

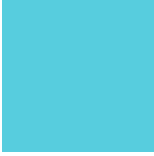
Dichromacy



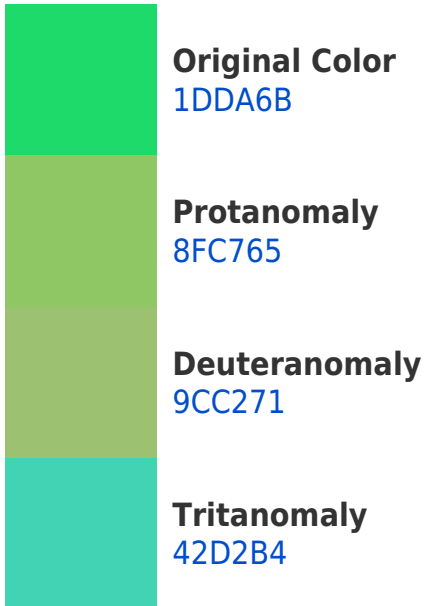
Original Color
1DDA6B

Protanopia
D0BC61

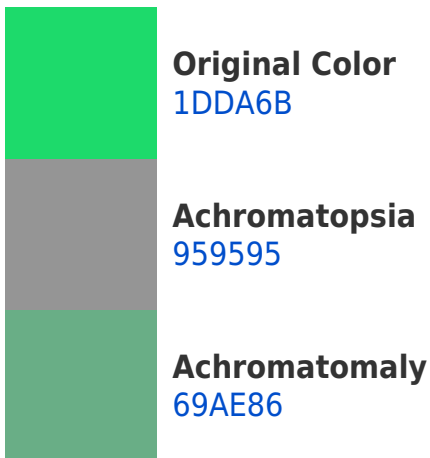
Deuteranopia
E4B475



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DDA6B 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 #1DDA6B looks like.

```
.text, #text, p{  
    color:#1DDA6B  
}
```

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 #1DDA6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DDA6B
}
```

Border

The CSS property to change the border of an element to Hex 1DDA6B 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
#1DDA6B }
```

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

```
.border{ border-color:#1DDA6B }
```

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

Here you see how a box with a 4 pixel #1DDA6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DDA6B; -webkit-box-shadow:4px 4px  
4px 4px #1DDA6B; box-shadow:4px 4px 4px  
4px #1DDA6B }
```

Background

The CSS property to change the background color of an element to Hex 1DDA6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DDA6B }
```

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

```
.background{ background-color:#1DDA6B }
```

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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