

Converting Colors

Hex(1ED866)

Have a look what the booklet for
Hex(1ED866) contains.

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Color

Hex(1ED866)

Conversions

Conversions Part 1

Format	Color
Hex	1ED866
RGB	30, 216, 102
RGB Percent	12%, 85%, 40%
CMY	0.8824, 0.1529, 0.6000
CMYK	0.86, 0.00, 0.53, 0.15
HSL	143°, 76%, 48%
HSV	143°, 86%, 85%
XYZ	27.4896, 50.3471, 20.8395
YIQ	147.3900, -74.2620, -74.8860

Conversions

Conversions Part 2

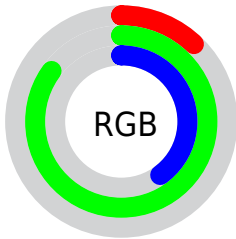
Format	Color
RYB	30, 164, 216
Decimal	2021478
CIELab	76.28, -67.11, 43.85
CIELCh	76, 80.163, 146.839
Yxy	50.3471, 0.2786, 0.5102
Android (android.graphics.Color)	4280211558 (0xFF1ED866)
YUV	147.3900, -22.3773, -102.9510
Hunter-Lab	70.9557, -55.0182, 32.2557

Details

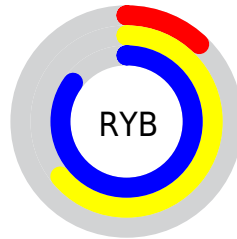
The Hex color **1ED866** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D81E90**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **70FF9B**, and **00A033** is the 20% darker color. If you saturate the color by 10%, you get **08D859**, and if you desaturate by 10%, it is **34D873**.

Distribution



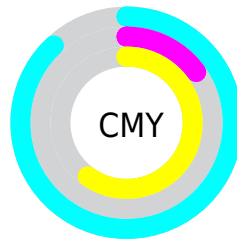
- Red (12%)
- Green (85%)
- Blue (40%)



- Red (12%)
- Yellow (64%)
- Blue (85%)



- Cyan (86%)
- Magenta (0%)
- Yellow (53%)
- Black (15%)



- Cyan (88%)
- Magenta (15%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1ED866 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 1ED866 by changing the saturation by 10% instead.

 1ED866

 1ED866

FFFFFF

 00BB4C

 70FF9B

 00A033

 91FFB7

 008417

 B0FFD3

 006A00

 CFFFF0

 005000

 EEEFFF

 003800

 001E00

 000000

 1ED866

 1ED866

 08D859

 34D873

 00D854

 49D880

 5FD88E

 74D89B

 8AD8A8

 A0D8B5

 B5D8C3

 CBD8D0

 E0D8DD

Harmonies

Analogous

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



9FCB1F



1ED866



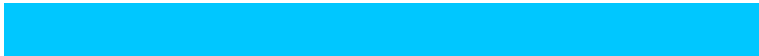
00DEB2

Triad

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



1ED866



00C7FF



FF7A7E

Complementary

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



1ED866



D81E90

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.



FF71C7



1ED866



ABACFF

Square

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



1ED866



00D8FF



FF89FF



FF983C

Rectangle

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



1ED866



00DFE5



FF89FF



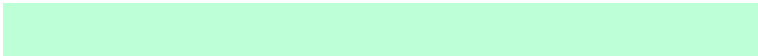
FF7396

Sweetspot

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



1ED866



BDFFD6



91D81E



588067



000000



808080

Same Dimension

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



1ED866



00FF63



1ED8C2



606B65



00AB42



002B11

Inverse Universe

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



D81E90



FF009C



D81E34



6B6067



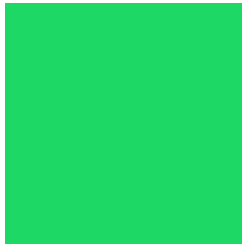
AB0069



2B001B

Previews

White Background



This preview shows how the Hex color 1ED866 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 1ED866 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 1ED866 Background



This preview shows how black text looks on a background with the Hex color 1ED866.

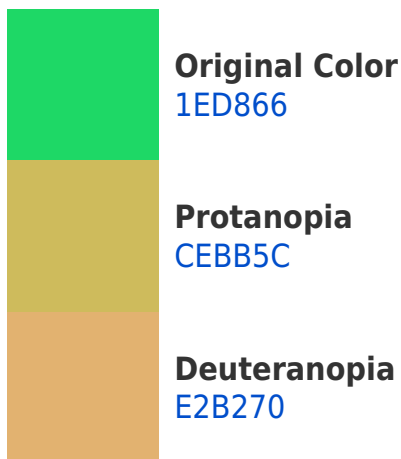


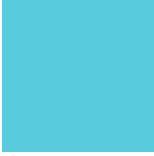
This preview shows how white text looks on a background with the Hex color 1ED866.

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
58CBDC

Trichromacy



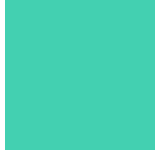
Original Color
1ED866



Protanomaly
8EC660



Deuteranomaly
9BC06C



Tritanomaly
43D0B1

Monochromacy



Original Color
1ED866



Achromatopsia
939393



Achromatomaly
68AC83

CSS Examples

Text

The CSS property to change the color of the text to Hex 1ED866 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 #1ED866 looks like.

```
.text, #text, p{  
    color:#1ED866  
}
```

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 #1ED866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED866
}
```

Border

The CSS property to change the border of an element to Hex 1ED866 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
#1ED866 }
```

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

```
.border{ border-color:#1ED866 }
```

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

Here you see how a box with a 4 pixel #1ED866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED866; -webkit-box-shadow:4px 4px  
4px 4px #1ED866; box-shadow:4px 4px 4px  
4px #1ED866 }
```

Background

The CSS property to change the background color of an element to Hex 1ED866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED866 }
```

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

```
.background{ background-color:#1ED866 }
```

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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