

Converting Colors

Hex(1DD170)

Have a look what the booklet for
Hex(1DD170) contains.

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Color

Hex(1DD170)

Conversions

Conversions Part 1

Format	Color
Hex	1DD170
RGB	29, 209, 112
RGB Percent	11%, 82%, 44%
CMY	0.8863, 0.1804, 0.5608
CMYK	0.86, 0.00, 0.46, 0.18
HSL	148°, 76%, 47%
HSV	148°, 86%, 82%
XYZ	26.2318, 47.0320, 23.0248
YIQ	144.1220, -76.1430, -68.3270

Conversions

Conversions Part 2

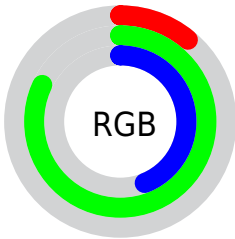
Format	Color
RYB	29, 152, 209
Decimal	1954160
CIELab	74.21, -63.30, 36.38
CIELCh	74, 73.011, 150.113
Yxy	47.0320, 0.2724, 0.4884
Android (android.graphics.Color)	4280144240 (0xFF1DD170)
YUV	144.1220, -15.8361, -100.9620
Hunter-Lab	68.5799, -51.7386, 28.1001

Details

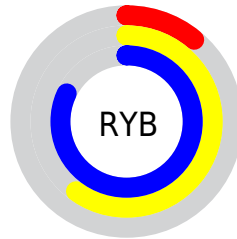
The Hex color **1DD170** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D11D7E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6EFAA5**, and **00993E** is the 20% darker color. If you saturate the color by 10%, you get **08D165**, and if you desaturate by 10%, it is **32D17B**.

Distribution



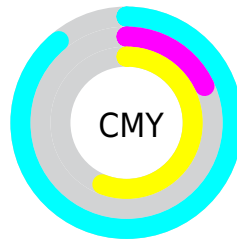
- Red (11%)
- Green (82%)
- Blue (44%)



- Red (11%)
- Yellow (60%)
- Blue (82%)



- Cyan (86%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (89%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DD170 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 1DD170 by changing the saturation by 10% instead.

 1DD170

 1DD170

FFFFFF

 00B557

 6EFAA5

 00993E

 8EFFC1

 007E25

 ADFFDD

 00640A

 CCFFFA

 004A00

 EAFFFF

 003300

 001700

 000000

 1DD170

 1DD170

■ 08D165

■ 32D17B

■ 00D160

■ 47D187

■ 5CD192

■ 71D19D

■ 86D1A8

■ 9AD1B4

■ AFD1BF

■ C4D1CA

■ D9D1D5

Harmonies

Analogous

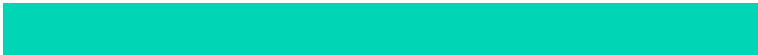
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95C635



1DD170



00D6B5

Triad

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



1DD170



00BEFF



FF7F77

Complementary

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



1DD170



D11D7E

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.



FF75B9



1DD170



B6A5FF

Square

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



1DD170



00CEFF



FF87FA



FF993F

Rectangle

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



1DD170



00D6E3



FF87FA



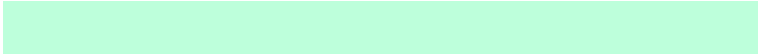
FF798C

Sweetspot

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



1DD170



BDFADB



80D11D



58806A



000000



808080

Same Dimension

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



1DD170



00FF76



1DD1C8



5E6963



00A84E



002913

Inverse Universe

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



D11D7E



FF0089



D11D26



695E64



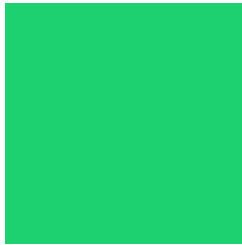
A8005B



290016

Previews

White Background



This preview shows how the Hex color 1DD170 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 1DD170 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 1DD170 Background



This preview shows how black text looks on a background with the Hex color 1DD170.

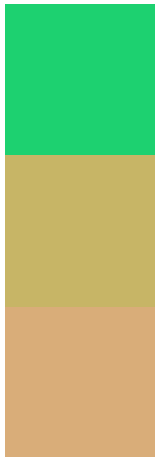


This preview shows how white text looks on a background with the Hex color 1DD170.

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](#).

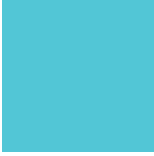
Dichromacy



Original Color
1DD170

Protanopia
C7B566

Deuteranopia
D9AD79



Tritanopia
52C6D6

Trichromacy



Original Color
1DD170



Protanomaly
89BF6A



Deuteranomaly
95BA76



Tritanomaly
3FCAB1

Monochromacy



Original Color
1DD170



Achromatopsia
909090



Achromatomaly
66A884

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DD170 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 #1DD170 looks like.

```
.text, #text, p{  
    color:#1DD170  
}
```

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 #1DD170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DD170
}
```

Border

The CSS property to change the border of an element to Hex 1DD170 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
#1DD170 }
```

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

```
.border{ border-color:#1DD170 }
```

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

Here you see how a box with a 4 pixel #1DD170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DD170; -webkit-box-shadow:4px 4px  
4px 4px #1DD170; box-shadow:4px 4px 4px  
4px #1DD170 }
```

Background

The CSS property to change the background color of an element to Hex 1DD170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DD170 }
```

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

```
.background{ background-color:#1DD170 }
```

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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