

Converting Colors

Hex(1FD681)

Have a look what the booklet for
Hex(1FD681) contains.

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Color

Hex(1FD681)

Conversions

Conversions Part 1

Format	Color
Hex	1FD681
RGB	31, 214, 129
RGB Percent	12%, 84%, 51%
CMY	0.8784, 0.1608, 0.4941
CMYK	0.86, 0.00, 0.40, 0.16
HSL	152°, 75%, 48%
HSV	152°, 86%, 84%
XYZ	28.5741, 49.9694, 28.9079
YIQ	149.5930, -81.7830, -65.2310

Conversions

Conversions Part 2

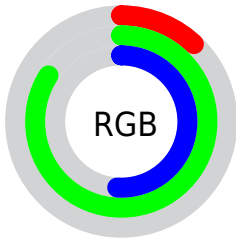
Format	Color
RYB	31, 150, 214
Decimal	2086529
CIELab	76.05, -61.82, 30.16
CIELCh	76, 68.785, 153.990
Yxy	49.9694, 0.2659, 0.4650
Android (android.graphics.Color)	4280276609 (0xFF1FD681)
YUV	149.5930, -10.1523, -104.0061
Hunter-Lab	70.6891, -51.5522, 25.2360

Details

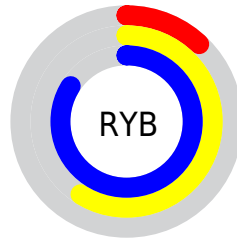
The Hex color **1FD681** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D61F74**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **70FFB7**, and **009E4F** is the 20% darker color. If you saturate the color by 10%, you get **0AD677**, and if you desaturate by 10%, it is **34D68B**.

Distribution



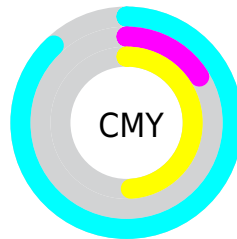
- Red (12%)
- Green (84%)
- Blue (51%)



- Red (12%)
- Yellow (59%)
- Blue (84%)



- Cyan (86%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (88%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FD681 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 1FD681 by changing the saturation by 10% instead.


 1FD681

 1FD681

FFFFFF

 00BA67

 70FFB7

 009E4F

 90FFD2

 008337

 AFFFEF

 00681F

 CEFFFF

 004F06

 EDFFFF

 003700

 001D00

 000000

 1FD681

 1FD681

0AD677

34D68B

00D673

4AD695

5FD69F

75D6A9

8AD6B3

9FD6BD

B5D6C7

CAD6D1

E0D6DA

Harmonies

Analogous

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



94CC4A



1FD681



00DAC2

Triad

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



1FD681



31C0FF



FF8B78

Complementary

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



1FD681



D61F74

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.



FF80B6



1FD681



C9A7FF

Square

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



1FD681



00D1FF



FF8DF4



FFA446

Rectangle

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



1FD681



00DAED



FF8DF4



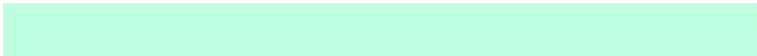
FF858C

Sweetspot

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



1FD681



BDFFE0



74D61F



58806D



000000



808080

Same Dimension

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



1FD681



00FF89



1FD0D6



606B66



00AB5B



002B17

Inverse Universe

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



D61F74



FF0076



D6251F



6B6065



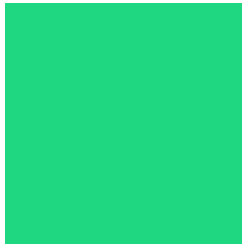
AB004F



2B0014

Previews

White Background



This preview shows how the Hex color 1FD681 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 1FD681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

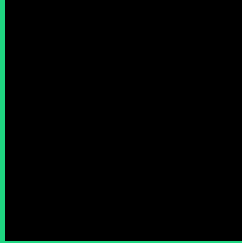
Any Text WCAG AA ✓ Pass

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 1FD681 Background



This preview shows how black text looks on a background with the Hex color 1FD681.

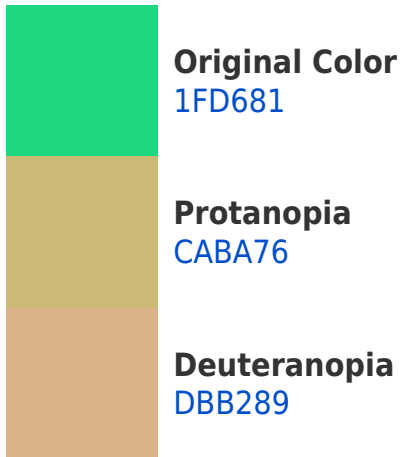


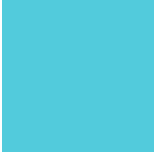
This preview shows how white text looks on a background with the Hex color 1FD681.

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





Trichromacy



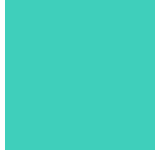
Original Color
1FD681



Protanomaly
8CC47A



Deuteranomaly
97BF86



Tritanomaly
3FCFBB

Monochromacy



Original Color
1FD681



Achromatopsia
969696



Achromatomaly
6BAD8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FD681 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 #1FD681 looks like.

```
.text, #text, p{  
    color:#1FD681  
}
```

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 #1FD681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FD681
}
```

Border

The CSS property to change the border of an element to Hex 1FD681 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
#1FD681 }
```

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

```
.border{ border-color:#1FD681 }
```

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

Here you see how a box with a 4 pixel #1FD681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FD681; -webkit-box-shadow:4px 4px  
4px 4px #1FD681; box-shadow:4px 4px 4px  
4px #1FD681 }
```

Background

The CSS property to change the background color of an element to Hex 1FD681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FD681 }
```

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

```
.background{ background-color:#1FD681 }
```

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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