

# Converting Colors

Hex(1FD585)

Have a look what the booklet for  
Hex(1FD585) contains.

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# Color

**Hex(1FD585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FD585
RGB	31, 213, 133
RGB Percent	12%, 84%, 52%
CMY	0.8784, 0.1647, 0.4784
CMYK	0.85, 0.00, 0.38, 0.16
HSL	154°, 75%, 48%
HSV	154°, 85%, 84%
XYZ	28.5930, 49.5733, 30.2519
YIQ	149.4620, -82.7920, -63.4640

# Conversions

## Conversions Part 2

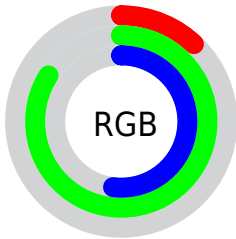
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 148, 213
Decimal	2086277
CIE <sub>Lab</sub>	75.81, -60.69, 27.78
CIE <sub>LCh</sub>	76, 66.750, 155.404
Yxy	49.5733, 0.2637, 0.4572
Android (android.graphics.Color)	4280276357 (0xFF1FD585)
YUV	149.4620, -8.1158, -103.8912
Hunter-Lab	70.4083, -50.7252, 23.8110

# Details

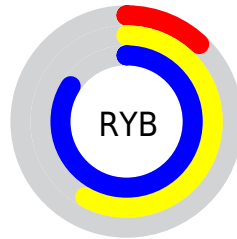
The Hex color **1FD585** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D51F6F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6FFFBB**, and **009D53** is the 20% darker color. If you saturate the color by 10%, you get **0AD57C**, and if you desaturate by 10%, it is **34D58E**.

# Distribution



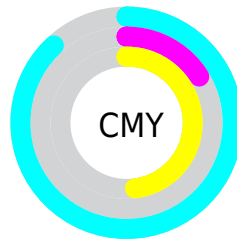
- Red (12%)
- Green (84%)
- Blue (52%)



- Red (12%)
- Yellow (58%)
- Blue (84%)



- Cyan (85%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)



- Cyan (88%)
- Magenta (16%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FD585 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 1FD585 by changing the saturation by 10% instead.



 1FD585

 1FD585

FFFFFF

 00B96B

 6FFFBB

 009D53

 8FFFD7

 00823B

 AEFFF3

 006723

 CDFFFF

 004E0C

 ECFFFF

 003600

 001D00

 000000

 1FD585

 1FD585

0AD57C

34D58E

00D577

4AD598

5FD5A1

74D5AA

8AD5B4

9FD5BD

B4D5C7

C9D5D0

DFD5D9

# Harmonies

## Analogous

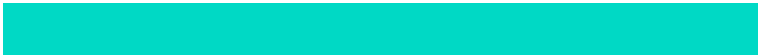
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91CC50



1FD585



00D9C5

# Triad

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



1FD585



4ABEFF



FF8D77

# Complementary

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



1FD585



D51F6F

# 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.



FF82B2



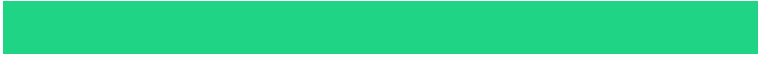
1FD585



CCA6FF

# Square

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



1FD585



00CFFF



FF8DEF



FFA548

# Rectangle

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



1FD585



00D8EE



FF8DEF



FF878A

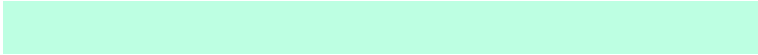


# Sweetspot

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



1FD585



BDFFE2



71D51F



58806E



000000



808080



# Same Dimension

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



1FD585



00FF8F



1FCCD5



606B66



00AB60



002B18



# Inverse Universe

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



D51F6F



FF0070



D5281F



6B6065



AB004B

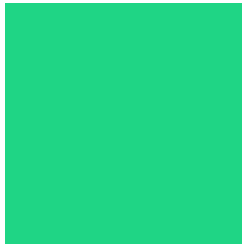


2B0013



# Previews

## White Background



This preview shows how the Hex color 1FD585 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 1FD585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

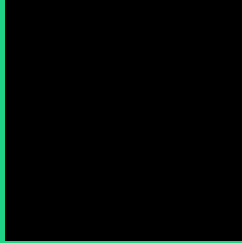
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1FD585 Background



This preview shows how black text looks on a background with the Hex color 1FD585.

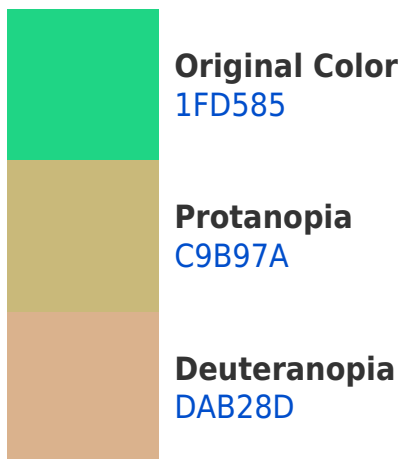


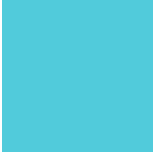
This preview shows how white text looks on a background with the Hex color 1FD585.

# 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**  
51CBDB

# Trichromacy



**Original Color**  
1FD585



**Protanomaly**  
8BC37E



**Deuteranomaly**  
96BF8A



**Tritanomaly**  
3FCFBC

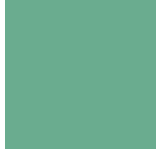
# Monochromacy



**Original Color**  
1FD585



**Achromatopsia**  
959595



**Achromatomaly**  
6AAC8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FD585 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 #1FD585 looks like.

```
.text, #text, p{  
    color:#1FD585  
}
```

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 #1FD585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FD585
}
```

## Border

The CSS property to change the border of an element to Hex 1FD585 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
#1FD585 }
```

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

```
.border{ border-color:#1FD585 }
```

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

Here you see how a box with a 4 pixel #1FD585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FD585; -webkit-box-shadow:4px 4px  
4px 4px #1FD585; box-shadow:4px 4px 4px  
4px #1FD585 }
```

# Background

The CSS property to change the background color of an element to Hex 1FD585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FD585 }
```

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

```
.background{ background-color:#1FD585 }
```

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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