

Converting Colors

Hex(0FD081)

Have a look what the booklet for
Hex(0FD081) contains.

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Color

Hex(0FD081)

Conversions

Conversions Part 1

Format	Color
Hex	0FD081
RGB	15, 208, 129
RGB Percent	6%, 82%, 51%
CMY	0.9412, 0.1843, 0.4941
CMYK	0.93, 0.00, 0.38, 0.18
HSL	155°, 87%, 44%
HSV	155°, 93%, 82%
XYZ	26.7153, 46.7983, 28.3938
YIQ	141.2870, -89.6690, -65.4850

Conversions

Conversions Part 2

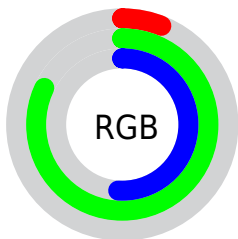
Format	Color
RYB	15, 136, 208
Decimal	1036417
CIELab	74.06, -60.67, 27.50
CIELCh	74, 66.609, 155.615
Yxy	46.7983, 0.2622, 0.4592
Android (android.graphics.Color)	4279226497 (0xFF0FD081)
YUV	141.2870, -6.0575, -110.7537
Hunter-Lab	68.4093, -50.0081, 23.2777

Details

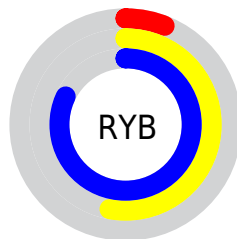
The Hex color **0FD081** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D00F5E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **69FFB6**, and **00984F** is the 20% darker color. If you saturate the color by 10%, you get **00D07B**, and if you desaturate by 10%, it is **24D08A**.

Distribution



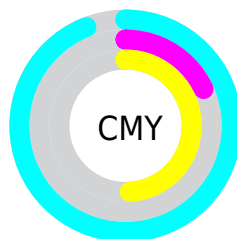
- Red (6%)
- Green (82%)
- Blue (51%)



- Red (6%)
- Yellow (53%)
- Blue (82%)



- Cyan (93%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)



- Cyan (94%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FD081 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 0FD081 by changing the saturation by 10% instead.

 0FD081

 0FD081

FFFFFF

 00B467

 69FFB6

 00984F

 8AFFD2

 007D37

 A9FFEF

 006320

 C8FFFF

 004908

 E7FFFF

 003300

 001700

 000000

 0FD081

 0FD081

00D07B

24D08A

39D092

4DD09B

62D0A3

77D0AC

8CD0B4

A1D0BD

B5D0C5

CAD0CE

Harmonies

Analogous

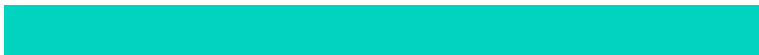
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CC74C



0FD081



00D4C0

Triad

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



0FD081



44B9FF



FF8972

Complementary

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



0FD081



D00F5E

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.



FF7DAD



0FD081



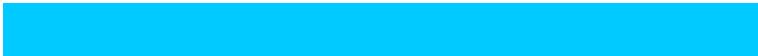
C8A1FF

Square

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



0FD081



00CAFF



FF88EA



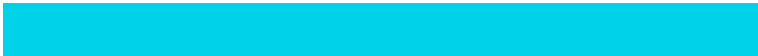
FEA043

Rectangle

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



0FD081



00D3E9



FF88EA



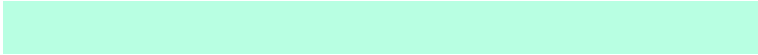
FF8385

Sweetspot

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



0FD081



B8FFE2



5FD00F



54806E



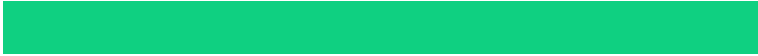
000000



808080

Same Dimension

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



0FD081



00FF97



0FC0D0



5E6964



00A863



002918

Inverse Universe

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



D00F5E



FF0068



D01F0F



695E62



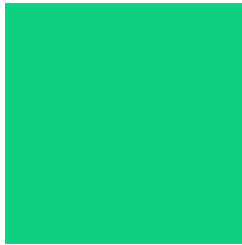
A80045



290011

Previews

White Background



This preview shows how the Hex color 0FD081 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 0FD081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

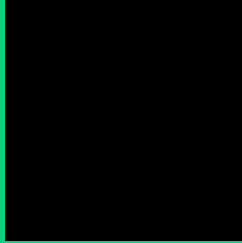
Any Text WCAG AA ✓ Pass

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 0FD081 Background



This preview shows how black text looks on a background with the Hex color 0FD081.

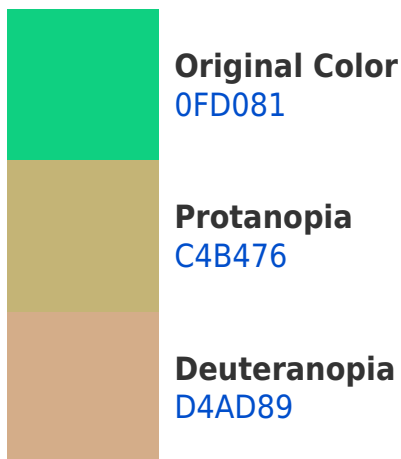


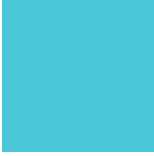
This preview shows how white text looks on a background with the Hex color 0FD081.

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
4BC6D6

Trichromacy



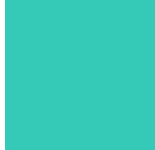
Original Color
0FD081



Protanomaly
82BE7A



Deuteranomaly
8CBA86



Tritanomaly
35CAB7

Monochromacy



Original Color
0FD081



Achromatopsia
8D8D8D



Achromatomaly
5FA589

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FD081 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 #0FD081 looks like.

```
.text, #text, p{  
    color:#0FD081  
}
```

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 #0FD081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FD081
}
```

Border

The CSS property to change the border of an element to Hex 0FD081 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
#0FD081 }
```

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

```
.border{ border-color:#0FD081 }
```

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

Here you see how a box with a 4 pixel #0FD081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FD081; -webkit-box-shadow:4px 4px  
4px 4px #0FD081; box-shadow:4px 4px 4px  
4px #0FD081 }
```

Background

The CSS property to change the background color of an element to Hex 0FD081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FD081 }
```

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

```
.background{ background-color:#0FD081 }
```

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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